STATE OF ILLINOIS

DEPARTMENT OF REGISTRATION AND EDUCATION

PETROLEUM INDUSTRY IN ILLINOIS, 1965

Part I. Oil and Gas Developments

Jacob Van Den Berg

Part II. Waterflood Operations

T. F. Lawry
Richard F. Mast

ILLINOIS PETROLEUM 83

ILLINOIS STATE GEOLOGICAL SURVEY

1966

URBANA, ILLINOIS

STATE OF ILLINOIS

DEPARTMENT OF REGISTRATION AND EDUCATION

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PETROLEUM INDUSTRY IN ILLINOIS, 1965

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PETROLEUM INDUSTRY IN ILLINOIS, 1965

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ABSTRACT

Illinois produced 63,708,000 barrels of crude oil in 1965, down 9.2 percent from 1964. Approximately 43,729,000 barrels, or 68.6 percent, of this production was from secondary recovery waterflood projects. Until near the end of the year, the price of Illinois crude oil at the wells was based on a gravity scale that ranged from $2.42 a barrel for oil with an API gravity of 20 degrees to $3.00 a barrel for oil with an API gravity of 40-45 degrees. In December the price was increased 10 cents a barrel for all gravities. Total estimated value of crude oil produced in Illinois in 1965 was $186,665,000.

Of the 2,101 drilling operations completed by the oil and gas industry, 1,244 were new holes drilled as oil and gas tests. Of these, 573 were completed as oil wells and 11 as shut-in gas wells. In addition, 62 former dry holes were reworked and completed as oil wells, and 21 former producers were reworked and completed as oil wells in new pay zones. Of the 1,244 new tests for oil and gas, 315, or 25 percent, were wildcats. There were 131 new service wells drilled and 417 old wells, mostly producers, were converted to service wells. Forty-two oil and gas structure tests were drilled. There were 184 well completions reported in connection with underground storage of natural gas.

Nine new oil pools, 17 pool extensions, and 2 new pay zones in pools were discovered in 1965.

Estimated crude oil reserves declined from 404.7 million barrels at the end of 1964 to 363.4 million barrels at the end of 1965.

There are 21 underground natural gas storage projects in operation or being developed in Illinois for gas from other states. Estimated ultimate capacity is 740 billion cubic feet. There are 10 underground mined caverns for storage of liquefied petroleum gases with a total capacity of 2,786,500 barrels.

Controlled waterfloods reported at the end of 1965 totalled 933. There were 115 new projects reported during 1965, offset partially by 35 abandonments.

Of the 45,006,000 barrels of oil produced from secondary recovery during 1965, controlled waterflood projects reported 43,729,000 barrels. Five pressure maintenance projects produced 777,000 barrels, and dump floods produced 500,000 barrels of crude oil. At the end of 1965, cumulative oil produced by fluid injection, including that by dump floods and pressure maintenance projects, was 531,102,000 barrels.

At the end of 1965, 340,097 acres were under fluid injection. This includes 32,721 acres brought under fluid injection by the 115 new projects.

PART I. OIL AND GAS DEVELOPMENTS

Jacob Van Den Berg

INTRODUCTION

The oil and gas industry of Illinois continued to make a major contribution to the economy of the state in 1965, with a total production valued at an estimated $186,665,000.

This report for 1965 is similar in form to the 1964 annual report.

Part I gives information about crude oil production, pool development, exploratory drilling, crude oil reserves, productive acreage, gas production, and underground storage of natural gas and liquefied petroleum gas.

We are grateful for the help of the many individuals and companies whose cooperation made this report possible.

OIL PRODUCTION AND VALUE

Illinois produced 63,708,000 barrels of crude oil in 1965, down 6,460,000 barrels or 9.2 percent, from the 70,168,000 barrels produced in 1964. The state maintained its position of eighth place among the oil producing states, accounting for about 2.3 percent of the nation's total production in 1965. It ranks first among states east of the Mississippi River.

Cumulative production of crude oil in Illinois to date is 2,595,336,000 barrels. Oil was first discovered in Illinois in 1889 at Litchfield in Montgomery County. Between 1889 and 1904 about 22,000 barrels were produced. With the discovery of the Southeastern Illinois Field in 1904, production rose rapidly, reaching an annual peak of nearly 34 million barrels by the end of the decade. Production then began a gradual decline until 1937 when the Clay City pool was discovered in the deep part of the Illinois Basin. The very successful drilling programs that followed this discovery brought about an increase in production that reached a peak of 147,647,000 barrels in 1940. The rapid decline in production that followed the peak year of 1940 was slowed down by the introduction of secondary recovery by waterflooding in 1943, but the decline continued to a low of 59 million barrels in 1953. Then the use of hydraulic fracturing and an increase in waterflooding brought about an increase in production to a peak of over 82 million barrels in 1956. An annual production of near 80 million barrels was maintained through 1962, but since then production has declined fairly rapidly.

Average daily production of crude oil in 1965 was 174,542 barrels as compared with 191,716 barrels in 1964. Following is the daily average crude oil production by quarters in 1965:

Quarter	Barrels	Quarter	Barrels
First	176,391	Third	173,776
Second	178,157	Fourth	169,927

Table 1A lists by counties the number of permits issued, number of holes drilled, footage drilled, and production for 1965. Holes drilled are classified as tests for oil and gas, structure tests, service wells, and old wells reworked or converted.

Table 1B lists by counties the number of holes and footage drilled in connection with underground storage of natural gas.

With a combined production of 37,794,931 barrels of oil in 1965, the five leading producing counties in Illinois accounted for 59.3 percent of the state's total as follows:

County	1965 production (M bbls)	Percentage of state total
Fayette	10,903	17.1
Marion	7,827	12.3
Lawrence	6,908	10.8
White	6,515	10.2
Wayne	5,643	8.9
Total	37,796	59.3

Eight fields produced over one million barrels of oil each in 1965. Their combined production of 42,743,643 barrels of oil accounted for 67.1 percent of the state's total production during the year, as follows:

Pool (C = Consolidated)	1965 production (M bbls)	Percentage of state total
Southeastern Illinois Oil Field	11,231	17.6
Louden	10,322	16.2
Salem C.	7,202	11.3
Clay City C.	5,261	8.2
New Harmony C.	3,798	6.0
Dale C.	1,957	3.1
Sailor Springs C.	1,697	2.7
Johnsonville C.	1,276	2.0
Total	42,744	67.1

Until near the end of the year, the price of Illinois crude oil at the wells in 1965 was based on a gravity scale that ranged from $2.42 a barrel for oil with an API gravity of 20 degrees to $3.00 a barrel for oil with an API gravity of 40-45 degrees. In December the price was increased 10 cents a barrel for all gravities. The estimated total value of crude oil produced in Illinois in 1965 is $186,665,000.

1965 DRILLING

Well completions in connection with oil and gas production in 1965 totaled 1,917 (table 1A), down 31 percent from 1964. These included new oil and gas tests and workovers, structure tests, service wells, and service well conversions. In addition 184 well completions (including 134 structure tests) were reported in connection with underground storage of natural gas (table 1B), making a total of 2,101 drilling operations.

There were 1,244 new tests for oil and gas in 1965, down 333 or 21 percent from 1964. They resulted in 573 oil wells, 11 gas wells, and 660 dry holes. In addition, 62 former dry holes were reworked and completed as oil wells, and 21 former producers were reworked and completed as oil wells in new pay zones.

A total of 131 new service wells (water input, salt water disposal, etc.) were drilled in 1965, and 417 old holes, 380 of which had been oil wells, were converted to service wells.

Forty-two structure tests were drilled by the oil and gas producing industry.

Total footage drilled in 1965 was 3,025,292 feet, including 2,870,948 feet for oil and gas tests, service wells, and structure tests; and 154,344 feet for underground storage of natural gas. Total footage of new oil and gas tests was 2,608,415 feet, down 488,317 feet or 16 percent from 1964.

New tests for oil and gas were drilled in 61 of the 102 counties in Illinois. The seven leading counties, with over 50 new tests each, accounted for 42 percent of the total. They were Lawrence (106), Wabash (77), Clay (76), Wayne (76), Clinton (67), Sangamon (67), and White (52).

Of the 1,244 new oil and gas tests drilled in 1965, 315 or 25 percent were wildcats (a half mile or more from production). Twenty-two of the wildcats were completed as producers, a success ratio of 7 percent. Of the 124 wildcats drilled from $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production, 13 discovered extensions to pools, a success ratio of 10 percent. Of the 191 wildcats drilled over $1\frac{1}{2}$ miles from production, 9 discovered new pools, a success ratio of 5 percent. Of the 61 counties that had drilling activity in 1965, all but one had some wildcat drilling and 17 had only wildcat drilling. Of this last category, 16 are counties that to date have no production.

Discoveries

Nine new oil pools, 17 pool extensions, and 2 new pay zones in pools (tables 2, 3, and 4, respectively) were discovered in 1965. No discovery appears significant.

Zenith East in Wayne County (map no. 8, fig. 1) had 9 producing wells at the end of the year with initial production figures of 15 to 145 barrels of oil a day. Orient pool in Franklin County (map no. 3) had 3 wells producing from Aux Vases Sandstone with initial potentials up to 200 barrels of oil a day. Riverton South pool in Sangamon County (map no. 6) had 3 wells producing from Silurian dolomite with initial potentials up to 100 barrels a day. The 6 other new pools had only 1 well each, 5 of which produce from Mississippian rocks and 1 (Marine West in Madison County) which produces from Devonian limestone. Initial potentials on these last wells ranged from 10 to 81 barrels of oil a day.

None of the extensions to pools (fig. 1 and table 3) or new pay zones in pools (fig. 1 and table 4) seems signifcant. Two small shut-in gas-well extensions were in Pennsylvanian strata. The other extensions and new pay zones in pools were in Mississippian strata.

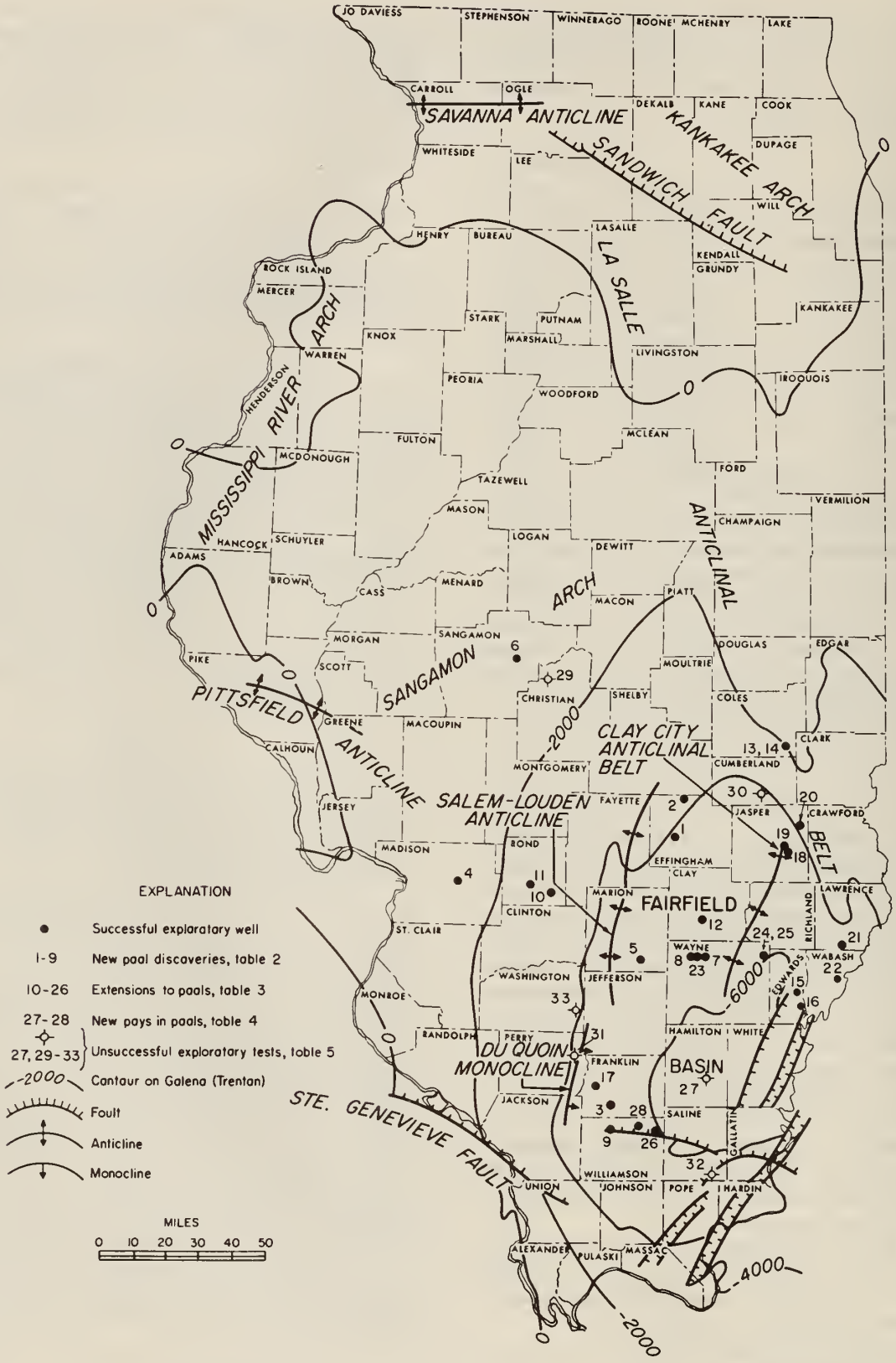


Figure 1 - Major tectonic features of Illinois and their relations to significant holes drilled during 1965. Numbered holes shown are listed in tables 2, 3, 4, and 5.

Exploration

Exploratory drilling was fairly well scattered throughout the southern two thirds of the state, with no area standing out sharply from the others.

A very significant test, Texaco, Inc. No. 1 E. Cuppy (map no. 27, fig. 1 and tables 4 and 5) in Sec. 6, T. 6 S., R. 7 E., Hamilton County, was drilled into Precambrian granite in Dale Consolidated pool. With a total depth of 13,051 feet, it is the deepest test in Illinois. No commercial oil was found beneath the Mississippian, and the well was plugged back and completed as a producing well in the St. Louis Limestone at a depth of 3,360 feet.

Another unsuccessful test to the Precambrian, completed in January 1966, too late for inclusion with 1965 statistics, was Texaco's No. 1 R. S. Johnson in Sec. 6, T. 1 N., R. 2 E., Salem Consolidated pool, Marion County. Total depth was 9,215 feet, the second greatest depth reached in Illinois.

There were 57 crew months of core drilling in Illinois in 1965, 42 for gas storage reservoirs in 16 counties in northern Illinois, and 15 for oil and gas exploration. The oil and gas core tests were in 7 counties — 4 on the eastern edge of the basin, 1 in the basin, and 2 in the western shelf area.

At year's end, in the northern end of Clay City Consolidated pool in Jasper County, programs of deepening exhausted wells originally producing from Ste. Genevieve Limestone to new dolomite reservoirs in the St. Louis Limestone 50 to 250 feet below former depths were attracting increasing attention.

POOLS REVIVED AND ABANDONED IN 1965

Five pools that had been abandoned were revived by new drilling in 1965. They were Beman East, Lawrence County; Exchange North, Marion County; Hidalgo, Jasper County; Hunt City East, Jasper County; and Iola Central, Clay County.

Six pools that had a combined total of 80 wells and cumulative production of 8,444,298 barrels of oil were abandoned in 1965. They were Boulder, Clinton County; Clifford, Williamson County; Ewing East and Macedonia, Franklin County; Stubblefield South, Bond County; and Patoka West, Fayette County. Boulder pool, with 55 wells and cumulative production of 8,119,630 and Patoka West with 19 wells and cumulative production of 303,581 barrels of oil, were abandoned because of flooding that will result from the construction of a dam on the Kaskaskia River at Carlyle.

GEOLOGIC COLUMN

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much of the Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, or the approximately 4,000 feet of Ordovician and Cambrian rocks between the base of the St. Peter Sandstone and the top of the Precambrian basement. Pay zones are indicated on the geologic column by a dot.

CRUDE OIL RESERVES

For the period 1945 through 1965, figure 3 compares total estimated reserves recoverable by methods in operation during the year with estimated reserves added by new drilling and with actual production of oil. During this period, production has exceeded reserves added by new drilling in every year except 1956. The yearly additions to estimated total reserves are due primarily to upward revisions brought about by the inauguration of new methods of recovery such as waterflooding and by increased knowledge of the productive capacity of the oil pools as their production history unfolds.

Since 1956, Illinois estimated oil reserves have been declining at an average rate of about 37.6 million barrels a year. For 1965, the estimated decline was 41.3 million barrels.

	Millions of barrels
Estimated reserves Jan. 1, 1965	404.7
Withdrawal by 1965 production	63.7
	341.0
Added by new drilling	9.6
	350.6
Added by upward revision	12.8
Estimated reserves Jan. 1, 1966	363.4

PRODUCTIVE ACREAGE

An estimated total of 6,400 acres was added to the proved oil productive area of Illinois by the completion of 646 oil wells in 1965. Eleven gas well completions increased the productive

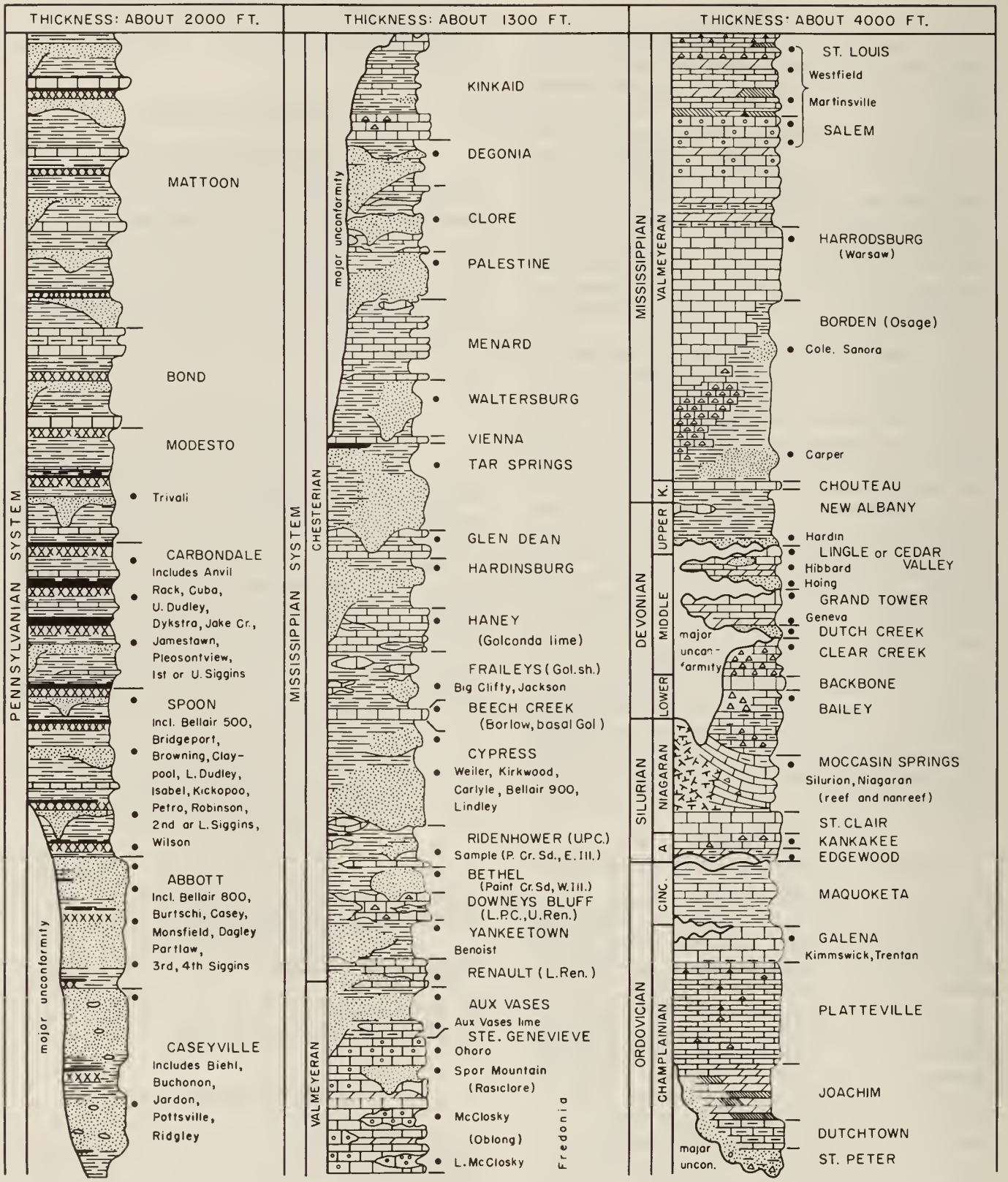


Figure 2 - Generalized geologic column of southern Illinois. Black dots indicate oil and gas pay zones. Formation names are in capitals; other pay zones are not. About 4,000 feet of lower Ordovician and upper Cambrian rocks under the St. Peter are not shown. Kinderhookian (K), Alexandrian (A), and Cincinnatian (Cinc.) Series are abbreviated. Variable vertical scale. (Prepared by David H. Swann.)

area by 400 acres. Nearly all gas wells in Illinois are shut-in wells. The total increase in 1965 of 6,840 acres for both oil and gas makes the total proved productive area in the state 635,455 acres for oil and 34,235 acres for gas.

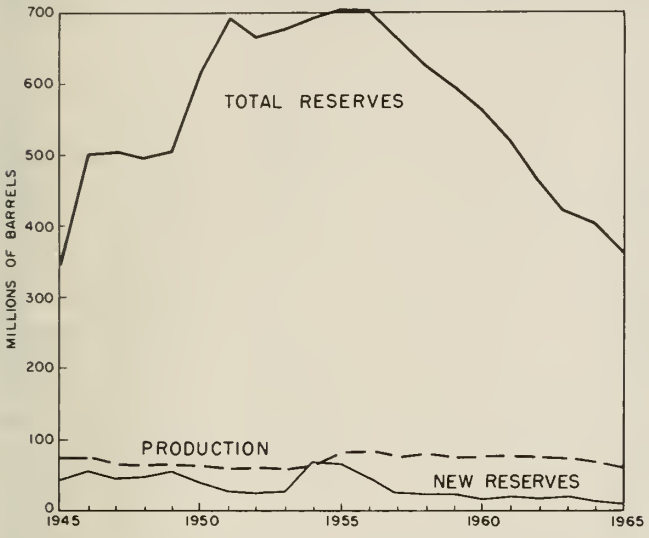


Figure 3 - Estimated oil reserves versus actual production.

The spacing pattern in Illinois of oil wells producing from less than 4,000 feet deep is 10 acres per well for production from sandstone and 20 acres for production from limestone. For wells producing from between 4,000 and 6,000 feet deep, it is 40 acres for each well, and for wells producing from deeper than 6,000 feet, it is 160 acres. Deepest production in Illinois is from 5,373 feet in Dutch Creek Sandstone in Goldengate Consolidated pool, Wayne County.

GAS AND GAS PRODUCTS

An estimated 19 billion cubic feet of gas was produced from Illinois wells during 1965, either as solution gas or from separate gas reservoirs.

Approximately 92 million cubic feet of Illinois dry gas was marketed in Illinois during the year. Twenty-five million cubic feet was collected from the Omaha pool, Gallatin County, and distributed to Omaha and Ridgeway; and 67 million from Raleigh pool, Saline County to Harrisburg and Eldorado.

All gasoline plants in Illinois have been shut down and collection of solution gas to be sold to interstate pipelines has been discontinued.

UNDERGROUND STORAGE OF LIQUEFIED PETROLEUM GAS

Table 6 gives data on 10 underground storage facilities for liquefied petroleum gases in Illinois.

Storage is in caverns mined from shale or limestone. Propane, butane, and propylene are the gases being stored.

In 1965, a new storage cavern of 400,000 barrels capacity was completed in Glasford, Peoria County, for Mid-America Pipeline Company, bringing the total estimated storage capacity in Illinois to 2,786,500 barrels.

The first storage cavern for liquefied petroleum gas in Illinois was constructed at Kankakee. The Phillips Petroleum Company, after investigations of conditions in the Kankakee area in 1951 and 1952 and consultations with the staff of the Illinois State Geological Survey, completed the shaft and tunnels early in 1953 and began storage of liquid propane in March 1953.

Illinois State Geological Survey Reprint Series 1956-H discusses geological conditions relating to this type of storage, describes briefly four storage projects in Illinois, and summarizes the possibilities of storing liquefied gases in abandoned coal mines, clay pits, metal mines, quarries, and caves.

UNDERGROUND STORAGE OF NATURAL GAS

At the end of 1965, 21 underground natural gas storage projects were in operation or being developed in Illinois. Gas is stored in rocks of Pennsylvanian through Cambrian age, at depths from 350 to 3,900 feet.

Table 7 lists some information about the active storage projects. The total ultimate capacity of the storage reservoirs is estimated to be about 740 billion cubic feet. About half of this is cushion gas not available for withdrawal and delivery to consumers.

At the end of 1965 Natural Gas Pipeline Company of America was proceeding with plans to store gas in the Devonian reservoir in the Louden Field, which previously produced oil.

TABLE 1A — SUMMARY OF OIL AND GAS DRILLING ACTIVITY AND OIL PRODUCTION IN 1965

County	Permits to drill	Totsl completions	Production Tests					Service Wells				Structure tests	Total footage drilled	Total oil production (M bbls)
			New Holes		OWWO		Footage drilled	New Service wells	Conversions		Footage drilled			
			Prod.[s]	D&A	D&A to prod.[s]	Prod. to prod. in new pay zones			Were prod.	Other[b]				
Adams	8	11	-	6	1	-	3,516	-	1	-	-	3	5,241	8
Bond	10	8	-(3)	4	-	1	11,457	-	-	-	-	-	11,457	135
Brown	9	11	-	11	-	-	8,100	-	-	-	-	-	8,100	2
Cass	1	1	-	1	-	-	950	-	-	-	-	-	950	-
Christian	51	48	18	25	2	-	83,129	1	2	-	707	-	83,836	887
Clark	71	50	17	21	-	-	34,206	6	-	1	2,433	5	39,970	776[c]
Clay	172	121	49	27	8	-	224,049	4	31	2	6,147	-	230,196	2,703
Clinton	73	70	11(1)	55	1	-	101,140	-	1	1	-	-	101,140	1,105
Coles	48	51	11(2)	17	-	-	51,589	1	3	-	338	17	61,531	802
Crawford	141	75	32	15	4	-	47,175	17	-	-	19,247	7	73,180	3,473
Cumberland	2	6	-	5	-	-	9,020	-	-	-	-	1	9,490	(c)
DeWitt	36	32	21	10	-	-	36,263	-	-	-	-	1	38,053	269
Douglss	5	3	-	2	-	-	1,390	-	1	-	-	-	1,390	104
Edgar	10	9	-(1)	6	-	-	8,140	-	-	-	-	2	8,791	57
Edwards	37	25	9	7	3	1	52,806	-	5	-	-	-	52,806	969
Effingham	48	48	21	21	-	-	106,406	2	3	1	5,120	-	111,526	441
Fayette	63	27	8	8	1	2	34,459	2	2	-	3,172	4	43,904	10,903
Ford	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Franklin	69	58	13	29	-	1	115,776	1	12	2	1,470	-	117,246	1,360
Gallatin	42	38	15	12	-	-	67,859	1	9	1	2,943	-	70,802	1,057
Greene	4	4	-	4	-	-	2,910	-	-	-	-	-	2,910	-
Hamilton	125	107	26	6	2	1	112,390	21	50	1	62,052	-	174,442	2,978[d]
Hancock	3	4	1	3	-	-	2,327	-	-	-	-	-	2,327	44[d]
Henderson	1	1	-	1	-	-	785	-	-	-	-	-	785	-
Jackson	10	14	-	14	-	-	16,121	-	-	-	-	-	16,121	-
Jasper	110	64	29	16	11	-	128,007	-	7	1	-	-	128,007	741
Jefferson	38	31	11	14	-	-	70,222	-	5	1	-	-	70,222	1,411
Jersey	-	1	-	1	-	-	862	-	-	-	-	-	862	-
Johnson	1	1	-	1	-	-	1,676	-	-	-	-	-	1,676	-
Kankakee	2	2	-	2	-	-	1,120	-	-	-	-	-	1,120	-
Lawrence	268	181	89	17	3	1	183,458	46	24	1	77,275	-	260,733	6,908
Livingston	7	8	-	8	-	-	3,457	-	-	-	-	-	3,457	-
Logan	2	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonough	6	4	-	4	-	-	2,321	-	-	-	-	-	2,321	(d)
McLean	7	8	-	8	-	-	8,723	-	-	-	-	-	8,723	-
Macon	10	8	-	8	-	-	16,770	-	-	-	-	-	16,770	25
Macoupin	11	9	-	8	-	-	5,717	1	-	-	500	-	6,217	7
Madison	16	17	1	14	-	-	25,662	1	1	-	583	-	26,245	283
Marion	131	116	17	21	2	3	80,602	3	63	7	4,283	-	84,885	7,827
Mason	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Menard	1	1	-	1	-	-	1,500	-	-	-	-	-	1,500	-
Monroe	1	1	-	1	-	-	1,968	-	-	-	-	-	1,968	-
Montgomery	9	5	-	5	-	-	4,804	-	-	-	-	-	4,804	2
Morgan	7	5	-	5	-	-	1,893	-	-	-	-	-	1,893	-
Moultrie	1	1	-	1	-	-	2,847	-	-	-	-	-	2,847	5
Perry	9	10	-	10	-	-	22,059	-	-	-	-	-	22,059	43
Piatt	2	3	-	1	-	-	1,680	-	-	-	-	2	3,504	-
Pike	2	1	-	1	-	-	645	-	-	-	-	-	645	-
Randolph	2	1	-	1	-	-	525	-	-	-	-	-	525	122
Richland	58	50	25	9	5	1	105,176	-	9	1	-	-	105,176	1,961
St. Clair	7	6	1(3)	2	-	-	8,968	-	-	-	-	-	8,968	-
Saline	38	24	6	6	1	-	34,057	-	9	2	-	-	34,057	700
Ssngamon	84	71	19	48	-	-	113,501	3	1	-	3,327	-	116,828	219
Schuyler	8	3	-	3	-	-	1,811	-	-	-	-	-	1,811	-
Scott	2	2	-	2	-	-	905	-	-	-	-	-	905	-
Shelby	5	4	1	3	-	-	9,243	-	-	-	-	-	9,243	77
Tazewell	1	1	-	1	-	-	1,220	-	-	-	-	-	1,220	-
Vermilion	6	6	-	6	-	-	7,847	-	-	-	-	-	7,847	-
Wabash	125	154	39	38	6	3	164,154	12	49	7	25,318	-	189,472	2,528
Washington	50	32	3	25	-	-	50,346	-	4	-	-	-	50,346	570
Wayne	179	132	50	26	5	4	242,754	4	41	2	7,559	-	250,313	5,643
White	216	120	26	26	7	3	141,043	5	47	6	7,633	-	148,676	6,515
Williamson	10	10	4(1)	5	-	-	26,786	-	-	-	-	-	26,786	48
Woodford	2	2	-	2	-	-	2,123	-	-	-	-	-	2,123	-
TOTALS	2,475	1,917	573(11)	660	62	21	2,608,415	131	380	37	230,107	42	2,870,948	63,708

[s] Gas in parentheses, not included in totsls.
[b] Former D&A and other types of holes converted in connection with waterflood projects.
[c] Production is combined for Clark and Cumberland Counties.
[d] Production is combined for Hsncock and McDonough Counties.

TABLE 1B — SUMMARY OF UNDERGROUND NATURAL GAS STORAGE DRILLING ACTIVITY IN 1965

County	Permits issued	Total completions	Structure tests	Injection and withdrawal wells		Service wells		Footage
				New wells	Conversions	New wells	Conversions	
Adams	1	-	-	-	-	-	-	-
Bond	3	2	-	-	-	2	-	2,398
Boone	3	2	2	-	-	-	-	654
Brown	3	3	3	-	-	-	-	3,390
Bureau	1	1	1	-	-	-	-	1,183
Champaign	32	14	14	-	-	-	-	14,915
Clark	1	-	-	-	-	-	-	-
Coles	8	12	-	-	12	-	-	-
Cumberland	1	-	-	-	-	-	-	-
DeKalb	1	1	1	-	-	-	-	483
Douglas	-	7	-	1	4	2	-	4,457
Edgar	10	-	-	-	-	-	-	-
Ford	9	9	9	-	-	-	-	7,627
Grundy	4	4	4	-	-	-	-	1,852
Iroquois	5	5	5	-	-	-	-	3,166
Kankakee	44	6	3	2	-	1	-	11,143
Kendall	7	4	4	-	-	-	-	1,499
LaSalle	29	9	7	-	-	2	-	6,513
Lee	-	1	1	-	-	-	-	635
Livingston	57	41	40	-	-	1	-	28,714
McLean	11	7	7	-	-	-	-	5,724
Macoupin	3	-	-	-	-	-	-	-
Madison	5	5	1	3	-	1	-	14,126
Monroe	1	-	-	-	-	-	-	-
Morgan	10	10	-	8	-	2	-	18,016
Ogle	6	5	2	-	-	3	-	5,713
Peoria	8	6	-	3	-	3	-	5,520
Putnam	2	-	-	-	-	-	-	-
Whiteside	10	-	-	-	-	-	-	-
Will	45	28	28	-	-	-	-	14,733
Winnebago	11	-	-	-	-	-	-	-
Woodford	2	2	2	-	-	-	-	1,883
TOTALS	333	184	134	17	16	17	-	154,344

TABLE 2 — NINE NEW POOL DISCOVERIES IN 1965

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Pool	Initial production	Pay zone	Prod. depth (feet)	Total depth (feet)	Completion date
1	16-7N-5E	Effingham	Kiernan & Maglio #1 C. N. White	Watson West	30 BO	Aux Vases	2,219	2,219	11-12
2	23-9N-5E	Effingham	M. H. Richardson #2 R. Dunterman	Shumway	15 BO	McClosky	2,224	2,273	2-10
3	9-7S-2E	Franklin	V. R. Gallagher #1 LaSalle Trust "A"	Orient	200 BO	Aux Vases	2,674	2,850	8-13
4	35-5N-7W	Madison	Brooks Hall #1 J. G. Wehling	Marine West	28 BO/15 BW	Devonian	1,656	2,355	1-22
5	13-1N-3E	Marion	Ego Oil Co., Inc. #1 J. L. Lester	Slapout	81 BO	McClosky	2,767	2,895	6-28
6	3-15N-4W	Sangamon	Alladin Oil Develop. #1 L. F. Hart	Riverton South	25 BO/25 BW	Silurian	1,598	1,610	6-22
7	1-1N-6E	Wayne	Natl. Assoc. Petr. Co. #1 Mabel Barth	Rinard South	10 BO/2 BW	Spar Mtn.	3,272	3,347	12-23
8	5-1N-6E	Wayne	Natl. Assoc. Petr. Co. #1 Ladonna Martin	Zenith East	60 BO/130 BW	Spar Mtn.	3,166	3,248	1-29
9	21-8S-2E	Williamson	V. R. Gallagher #1 Zeigler-Herrin	Herrin	20 BO	Cypress	2,221	2,682	3-12

TABLE 3 — DISCOVERY WELLS OF SEVENTEEN EXTENSIONS TO POOLS IN 1965
(C, Consolidated; E, East; N, North; S, South)

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Pool	Initial production	Pay zone	Prod. depth (feet)	Total depth (feet)	Completion date	Remarks
10	18-4N-2W	Bond	C. E. Hoiles #1 V. Harnetiaux	Beaver Creek N.	?(gas)	Benoist	1,170	1,170	3-9	
11	6-4N-3W	Bond	Dolphin Oprg. Co. #1 R. Zeeb	Stubblefield S.	?(gas)	Cypress	938	961	6-25	
12	26-3N-6E	Clay	Merle E. Mearns #1 J. Johnson	Sailor Springs C.	50 BO	McClosky	3,027	3,031	3-26	
13	10-11N-10E	Coles	Earnest Zink #1 Winnett	Hutton	?(gas)	Penn.	688	966	1-26	
14	10-11N-10E	Coles	Earnest Zink #1 Wozencraft	Hutton	?(gas)	Penn.	637	637	3-30	
15	32-1S-14W	Edwards	N. V. Duncan Drlg. #1 A. Rude	Albion C.	24 BO	Spar Mtn.	3,102	3,184	10-8	
16	21-2S-14W	Edwards	Indiana Farm Bureau #1 G. Marriot	Albion E.	15 BO/5 BW	Ohara	3,052	3,056	6-4	
17	18-6S-2E	Franklin	Jabe Anderson #1-D Smith	Buckner	75 BO	Aux Vases	2,624	2,772	11-5	
18	1-6N-10E	Jasper	F. M. Minor Drlg. #1 L. Dallmier Com.	Willow Hill E.	12 BO/10 BW	McClosky	2,727	2,751	12-23	OWDD; was D&A; old TD 2,665
19	35-7N-10E	Jasper	Francis M. Pierce #1 Jones-Elmore Com.	Clay City C.	3 BO/50 BW	McClosky	2,708	2,750	10-22	
20	5-7N-14W	Jasper	Parrish Product #1 C. Bailey	Hunt City E.	15 BO	McClosky	1,993	2,471	12-10	OWWO; was D&A; old TD 2,471
21	21-2N-12W	Lawrence	M. C. Stone #1 Litherland Heirs	Allendale	80 BO/65 BW	Spar Mtn.	2,201	2,250	4-6	OWWO; was D&A; old TD 2,250
22	1-1S-13W	Wabash	Ridgedale O. & G. #1 R. B. Baumgart	Mt. Carmel	7 BO	Biehl	1,671	1,671	9-17	OWWO; was D&A; old TD 1,671
23	4-1N-6E	Wayne	Natl. Assoc. Petr. Co. #1 Karlee-Karr Unit "A"	Zenith E.	17 BO/60 BW	Spar Mtn.	3,181	3,240	5-21	
24	2-1N-9E	Wayne	John M. Zanetis #1 Meadows	Calhoun S.	41 BO/75 BW	McClosky	3,236	3,268	7-16	
25	2-1N-9E	Wayne	John M. Zanetis #1 Meadows-Rutgers Cons.	Calhoun S.	36 BO	Ohara	3,210	3,276	7-16	
26	21-8S-4E	Williamson	Kirby Petr. Co. #1 M. E. Cardwell	Corinth	115 BO/30 BW	Aux Vases	2,963	3,104	3-5	

TABLE 4 — DISCOVERY WELLS OF TWO NEW PAYS IN POOLS IN 1965

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Pool	Initial production	Pay zone	Prod. depth (feet)	Total depth (feet)	Completion date
27	6-6S-7E	Hamilton	Texaco Inc. #1 E. Cuppy*	Dale C.	17 BO/35 BW	St. Louis	3,360	13,051	12-23
28	15-8S-3E	Williamson	Central Ill. Public Service #1 G-1 Madison Coal Corp.	Johnston City E.	1,750 Mcf	Tar Springs	1,950	2,074	4-9

* Also listed in table 5.

TABLE 5 — SELECTED LIST OF SIX UNSUCCESSFUL EXPLORATORY TESTS IN 1965

Map no. (Fig. 1)	Location	County	Operator, well no., and farm	Pool or wildcat	Deepest formation tested	Depth to top (feet)	Total depth (feet)	Completion date
29	32-15N-2W	Christian	Illinois Develop. Co. #3 Alderson*	Mt. Auburn Consol.	Knox	3,099	3,212	12-3
30	16-9N-9E	Cumberland	Tri-Apco, Inc. #1 Holsapple Heirs	WF†	Devonian	3,942	4,370	2-5
27	6-6S-7E	Hamilton	Texaco, Inc. #1 E. Cuppy**	Dale Consol.	Precambrian	?	13,051	12-21
31	11-5S-1W	Perry	W. C. McBride, Inc. #1 R. Heap	WF	Trenton	4,424	4,529	1-7
32	32-10S-7E	Saline	Texota Oil Co. #1 King	WF	Clear Creek	3,148	3,171	12-3
33	34-2S-1W	Washington	Texaco Inc. #1 A. J. Ceglenske	WN††	Trenton	4,312	4,436	6-24

* Silurian deepest pay zone in pool at 1,900.
† Wildcat far, well drilled 1½ or more miles from nearest producer.
** Deepest test in state. Plugged back to produce from St. Louis (see table 4).
†† Wildcat near, well drilled ½ to 1½ miles from nearest producer.

TABLE 6 — UNDERGROUND STORAGE FACILITIES FOR LIQUEFIED PETROLEUM GASES IN ILLINOIS, JANUARY 1, 1966

Company	Location	Type of Storage	Capacity (bbls)
General Facilities, Inc.	Wood River, Madison County	Mined limestone	86,500
Mid-America Pipeline Co.	Glassford, Peoria County	Mined shale	400,000
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	260,000
Shell Oil Co.	Wood River, Madison County	Mined limestone	500,000
	Wood River, Madison County	Mined limestone	232,000
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone	240,000
U. S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined shale	170,000
	Tuscola, Douglas County	Mined shale	800,000
Warren Petroleum Corp.	Eola (Aurora), Kane County	Mined shale	46,000
	Crossville, White County	Mined shale	52,000
		TOTAL	2,786,500

TABLE 7 — UNDERGROUND NATURAL GAS STORAGE PROJECTS IN ILLINOIS

Company & Project	County & Location	Operational Dates (initial)			Number of Wells			Geologic Data				Reservoir Data						Capacities, MMcf			Withdrawals, MMcf	
												Area in Acres							Present			
		Development	Storage	Withdrawal	Operating	Observation	Other	Stratigraphic unit	Lithology	Structure	Native fluid	Storage	Closure	Depth (feet)	Thickness (feet)	Av. porosity, %	Av. permeability Millidarcies	Potential, Cushion + Working	Working	Cushion	Peak Daily, 1965	Total, 1965
CENTRAL ILLINOIS LIGHT CO.																						
Glasford	Peoria. 7N; 6E	1960	1964	1964	7	12	-	Silurian	dolo.	dome	water	-	3,200	800	30-120	12.0	426	9,000	1,000	2,000	29.5	55*
CENTRAL ILLINOIS PUBLIC SERVICE																						
Ashmore	Coles & Clark. 12N; 10E, 11E, 14W	1960	1963	1963	22	9	-	Penn. Miss.	sand lime	anti-cline	gas	-	1,600	400	0-35	15.0-18.0	50-200	2,000	1,055	945	11.5	234
ILLINOIS POWER CO.																						
Centralia East	Marion. 1N; 1E	1960	1964	-	15	6	0	Penn.	sand	strat. trap	gas	463	-	812	49	18.2	200	615	124	491	0	0
Freeburg	St. Clair. 1S, 2S; 7W	1958	1959	1959	68	6	0	Cypress	sand	strat. trap	gas	4,222	-	350	50	21.5	216	6,507	1,871	4,636	37.4	1,580
Gillespie-Benld	Macoupin. 8N; 6W	1958	1958	1959	7	0	0	Penn.	sand	strat. trap	gas	113	-	510	43	16.0	326	147	32	115	0.09	2
Hookdale	Bond. 4N; 2W	1962	1963	1963	10	2	0	Benoist	sand	strat. trap & struct.	gas	414	28	1,120	24	20.3	458	798	512	286	25.9	596
Tilden	St. Clair & Washington 3S; S, 6W	1957	1961	1961	45	4	0	Cypress	sand	strat. trap	gas	1,288	-	800	32	20.8	183	2,688	869	1,819	20.1	267
MIDWESTERN GAS TRANSMISSION CO.																						
Elbridge	Edgar.12, 13N; 11W	1961	1964	-	3	6	-	Devonian	lime	reef	water	-	1,691	1,925	145	17.5	18	6,270	-	-	-	0
Nevins	Edgar.12, 13N; 11W	1961	-	-	7	7	-	Devonian	lime	reef	water	-	1,650	1,975	90	16.5	25	3,438	-	-	-	0
State Line	Clark, Ill. & Vigo, Ind. 12N; 10W	1961	1962	1964	5	6	-	Devonian	lime	reef	water	-	496	1,860	91	17.3	47	2,292	-	-	4.2	277
MISSISSIPPI RIVER FUEL CORP.																						
St. Jacob North	Madison. 3N; 6W	1963	1963	1965	9	4	-	St. Peter	sand	dome	water	550	650	2,870	70	14.0	400+	5,000	1,500	3,500	30.0	932
Waterloo	Monroe. 1, 2S; 10W	1950	1951	1951	6	6	22	Ordovician	dolo.	dome	water	100	300	1,650	100	Vuggy	-	250	150	100	24.0	941
NATURAL GAS PIPELINE CO.																						
Cooks Mills	Coles & Douglas. 14N; 7,8E	1956	1957	1958	19	10	0	Tradewater Cypress Spar Mtn. (Rosiclare)	sand	lens	gas		1,500	1,600	105	16.0	67	3,796**	-	-	52.3	1,801
Herscher	Kankakee. 30N; 10E	1952	1953	1953	99	85	56	Calesville	sand	anti-cline	water	6,750	8,000	1,750	100	18.0	467	100,000	-	-	771.4	15,488
		1957	1957	1958				Mt. Simon	sand	anti-cline	water	7,500	8,000	2,450	100	12.0	185	67,000	-	-	145.4	3,797
Herscher Northwest	Kankakee. 30, 31N; 9E	(Being developed)			10	1	-	Mt. Simon	sand	anti-cline	water	-	3,800	2,200	50	14.9	82	20,000	-	-	-	-
NORTHERN ILLINOIS GAS CO.																						
Ancona-Carfield	LaSalle & Livingston. 29, 30N; 2,3E	1961	1963	1965	21	16	-	Mt. Simon	sand	dome	water	-	12,840	2,200	290	12.3	114	120,000	7,000	7,000	22.0	39
Crescent City	Iroquois. 26, 27N; 13W	1959	-	-	6	19	-	St. Peter	sand	dome	water	-	16,725	1,200	150	14.5	138	100,000	-	-	-	-
Pontiac	Livingston. 27,28N;6E	(Being developed)			5	11	-	Mt. Simon	sand	dome	water	-	10,690	3,000	100	10.0	-	45,000	-	-	-	-
Troy Crove	LaSalle. 34,35N; 1E	1957	-	1959	76	27	-	Mt. Simon	sand	dome	water	-	10,000	1,420	100	16.8	150	64,000	30,250	24,750	580.0	24,342
PANHANDLE EASTERN PIPELINE CO.																						
Waverly	Morgan. 13N; 8W	1952	1954	1961	27	18	-	St. Peter	sand	dome	water	1,500	9,000	1,850	115	18.4	1,220	150,000	6,000	6,000	104.2	5,299
PEOPLES GAS, LIGHT & COKE CO.																						
Mahomet	Champaign. 21N; 7E	1960	1964	-	9	7	-	Mt. Simon	sand	anti-cline	water	-	13,370	3,900	116	11.8	15	30,000	(6,000 total)		0	0

*501 MMcf withdrawn in first six months of 1966.
**Current storage; project under over-pressurization program, ultimate capacity not available.

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965

Explanation of Abbreviations and Symbols

Pool: N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Pools located in two or more counties have county names listed in order of oil discovery.

Age: Pc, Precambrian; Cam, Cambrian; Ord, Ordovician; St. P, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian; Shak, Shakopee.

Kind of rock in pay zone: D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; OL, oolitic limestone; S, sandstone.

· Secondary recovery project listed in Part II.

Abd: Pool abandoned.

Structure: A, anticline; C, accumulation due to change in character of rock; D, dome; F, faulting an important factor in oil accumulation; f, faulting a minor factor in oil accumulation; H, strata horizontal or nearly horizontal; L, lens; M, monocline; N, nose; R, reef; T, terrace; U, unconformity. Combinations of the letters are used where more than one factor applies.

x Not determinable.

† Pool listed in Table 9 (gas production).

‡ Illinois portion only.

Rev: Pool revived.

Pool; county; location by township and range (·Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Cr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Ab Lake; Gallatin; 8S; 10E			1947	120	4	71	9	0	0	3					M	Mis	2,953
	Pennsylvanian	805	1957	30	x	x	3	0	0		x	x	S	10	M		
	Palestine, Mis	1,835		10	x	x	1	0	0		x	x	S	5	MF		
	Waltersburg,Mis	2,000	1957	30	x	x	3	0	0		x	x	S	10	M		
	Renault, Mis	2,735		40	x	x	2	0	0		35	x	L	8	MF		
	Aux Vases, Mis	2,770		40	x	x	4	0	0		35	x	S	9	MF		
Ab Lake South; Gallatin; 9S; 10E	Aux Vases, Mis	2,798	1959	10	0 Abd 1963	4	1	0	0	0	x	x	S	6	M	Mis	2,982
·Ab Lake West; Gallatin; 8-9S; 9-10E			1950	380	15	463	32	0	3	18					M	Mis	2,964
	Pennsylvanian	725		30	x	x	3	0	0		x	x	S	10	ML		
	Waltersburg,Mis	2,020	1956	180	x	x	18	0	2		x	x	S	20	ML		
	Tar Springs,Mis	2,075	1958	20	x	x	2	0	0		x	x	S	10	ML		
	Cypress, Mis	2,425		10	x	x	1	0	0		x	x	S	9	ML		
	Aux Vases, Mis	2,735		170	x	x	17	0	2		x	x	S	6	ML		
	McClosky, Mis	2,830		20	x	x	1	0	0		x	x	L	2	MC		
	2 or more pays						4	0	1								
·Aden C; Wayne, Hamilton; 2-3S; 7E			1938	2,620	384	10,314	121	0	0	81					A	Dev	5,434
	Aux Vases, Mis	3,200		1,370	x	x	63	0	0		35	x	S	10	A		
	Ohara, Mis	3,290		140	x	x	7	0	0		35	x	L	7	A		
	Spar Mtn, Mis	3,320		100	x	x	5	0	0		35	x	LS	5	AC		
	McClosky, Mis	3,350		2,420	x	x	78	0	0		35	x	L	4	A		
	Salem, Mis	3,735		160	x	x	8	0	0		40	x	L	16	AC		
	Harrodsburg,Mis	4,132	1959	80	x	x	2	0	0		x	x	L	16	AC		
	Dutch Creek,Dev	5,318	1959	120	x	x	3	0	0		x	x	S	10	A		
	2 or more pays						50	0	0								
Aden East; Wayne; 2S; 7E	McClosky, Mis	3,434	1961	20	0 Abd 1961	0	1	0	0	0	x	x	OL	6	x	Mis	3,552
·Aden South; Hamilton; 3S; 7E			1945	440	53	721	24	0	0	13					A	Dev	5,462
	Aux Vases, Mis	3,245		100	x	x	6	0	0		x	x	S	8	AL		
	Ohara, Mis	3,310		40	x	x	2	0	0		x	x	L	7	AC		
	Spar Mtn, Mis	3,330		160	x	x	8	0	0		x	x	LS	8	AC		
	McClosky, Mis	3,395		360	x	x	16	0	0		39	x	L	9	AC		
	2 or more pays						9	0	0								
·Akin; Franklin; 6S; 4E			1942	640	53	1,947	53	0	1	30					A	Mis	3,515
	Cypress, Mis	2,840		180	x	x	11	0	0		33	0.14	S	10	AL		
	Aux Vases, Mis	3,100		440	x	x	38	0	1		38	0.12	S	22	AL		
	Ohara, Mis	3,100	1956	80	x	x	4	0	0		x	x	L	18	AC		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure	Deepest test: Zone and depth (ft)
Akin (cont.)	McClosky, Mis	3,270		20	x	x	1	0	0		x	x	L 9 AC	
	2 or more pays						1	0	0					
Akin West; Franklin; 6S; 4E			1948	200	9	150	9	0	0	7			A	Dev 5,185
	Cypress, Mis	2,715		20	x	x	2	0	0		x	x	S 8 AL	
	Ohara, Mis	3,050		40	x	x	2	0	0		x	x	L 10 AC	
	Spar Mtn, Mis	3,080		20	x	x	1	0	0		x	x	L 12 AC	
	McClosky, Mis	3,130		60	x	x	3	0	0		x	x	L 4 AC	
	Harrodsburg,Mis	3,994	1962	80	x	x	2	0	0		x	x	L 10 x	
	2 or more pays						1	0	0					
Albion Cen; Edwards; 2S; 10E			1955	180	0.8	136	7	0	0	2			x	Mis 3,510
	Ohara, Mis	3,350		180	x	x	7	0	0		x	x	L 5 x	
	McClosky, Mis	3,395		20	x	x	1	0	0		x	x	L 4 x	
	2 or more pays						1	0	0					
•Albion C†; Edwards, White; 1-3S; 10-11E, 14W			1940	5,980	675	24,889	473	2	10	260			AM	Dev 5,185
	Mansfield, Pen	1,650		60	x	x	6	0	0		35	x	S 5 MF	
	Bridgeport, Pen	1,900		300	x	x	30	0	0		35	0.16	S 15 MF	
	Biehl, Pen	2,000		1,550	x	x	156	0	6		34	0.16	S 15 MF	
	Degonia, Mis	2,125		20	x	x	2	0	0		35	x	S 9 MF	
	Waltersburg,Mis	2,365		650	x	x	66	0	3		35	x	S 16 AL	
	Tar Springs,Mis	2,460		100	x	x	10	0	0		37	x	S 5 AL	
	Hardinsburg,Mis	2,635		60	x	x	6	0	0		36	x	S 10 A	
	Cypress, Mis	2,860		440	x	x	44	0	1		37	x	S 15 A	
	Bethel, Mis	2,960		510	x	x	51	0	1		35	x	S 14 Af	
	Benoist, Mis	3,000		110	x	x	11	0	0		35	x	S 13 Af	
	Aux Vases, Mis	3,045		1,090	x	x	109	1	0		35	x	S 18 Af	
	Ohara, Mis	3,110		200	x	x	10	0	0		40	x	L 5 AC	
	Spar Mtn, Mis	3,130		90	x	x	5	1	0		35	x	L 10 AC	
	McClosky, Mis	3,200		1,770	x	x	92	0	0		39	x	L 12 AC	
	2 or more pays						157	0	0					
•Albion East; Edwards; 2S; 14W			1943	900	28	1,338	54	2	1	26			A	Mis 3,254
	Cypress, Mis	2,800		120	x	x	12	0	0		x	x	S 7 A	
	Bethel, Mis	2,920		30	x	x	3	0	0		x	x	S 6 AL	
	Benoist, Mis	2,925		60	x	x	6	0	0		x	x	S 10 AC	
	Aux Vases, Mis	3,020		170	x	x	17	1	0		39	0.14	S 17 AL	
	Ohara, Mis	3,100		240	x	x	12	1	0		x	x	L 7 A	
	Spar Mtn, Mis	3,125		140	x	x	7	1	1		x	x	L 7 A	
	McClosky, Mis	3,155		250	x	x	13	0	0		x	x	L 7 A	
	2 or more pays						21	1	0					
Albion West; Edwards; 3S; 10E	McClosky, Mis	3,375	1953	20	0	1	1	0	0	0	x	x	L 5 x	Mis 3,420
					Abd 1953									
•Allendale; Wabash, Lawrence; 1-2N; 11-13W			1912	9,100	414	20,092	1,042	11	8	397			AM	Mis 2,571
	Pleasantview,Pen	660		x	x	x	3	0	0		x	x	S 30 AM	
	Bridgeport, Pen	1,070		x	x	x	x	0	0		x	x	S 12 AM	
	Buchanan, Pen	1,290		x	x	x	x	0	0		x	x	S 15 AM	
	Biehl, Pen	1,450		x	x	x	669	8	4		35	x	S 20 AM	
	Jordan, Pen	1,490		x	x	x	22	0	0		x	x	S 10 AM	
	Waltersburg,Mis	1,540		x	x	x	28	0	0		x	x	S 15 AM	
	Tar Springs,Mis	1,600		x	x	x	19	1	0		x	x	S 20 AM	
	Hardinsburg,Mis	1,780		20	x	x	2	0	0		x	x	S 10 AM	
	Cypress, Mis	1,920		x	x	x	72	1	4		36	x	S 10 AM	
	Sample, Mis	1,769		x	x	x	11	0	0		x	x	S x AM	
	Bethel, Mis	2,010		x	x	x	91	0	1		37	x	S 10 AM	
	Aux Vases, Mis	2,280		x	x	x	5	0	0		x	x	S 12 AM	

•Allendale (cont.)	Ohara, Mis	2,300		x	x	x	12	0	0		x	x	L	10	AM		
	Spar Mtn, Mis	2,300		x	x	x	5	1	0		x	x	LS	5	AM		
	McClosky, Mis	2,300		x	x	x	22	0	0		37	x	L	8	AM		
	2 or more pays						18	0	1								
Alma; Marion; 4N; 2E			1941	70	0	82	6	0	0	1					A	Dev	3,692
	Cypress, Mis	1,805		10	x	x	1	0	0		x	x	S	7	AL		
	Benoist, Mis	1,945		60	x	x	6	0	0		x	x	S	8	AL		
	Spar Mtn, Mis	2,085		40	x	x	2	0	0		36	0.26	L	10	AC		
Amity; Richland; 4N; 14W	McClosky, Mis	2,960	1942	160	2	39	4	0	0	1	36	x	OL	5	MC	Mis	3,089
Amity S; Richland; 4N; 14W	Spar Mtn, Mis	2,890	1953	20	0	0.1	1	0	0	0	x	x	L	4	x	Mis	3,010
					Abd 1953												
Amity W; Richland; 4N; 14W	Aux Vases, Mis	2,925	1953	10	0	0	1	0	0	0	x	x	S	12	x	Mis	3,100
					Abd 1954												
Ashley; Washington; 2S; 1W	Benoist, Mis	1,430	1953	180	19	334	15	0	0	14	x	x	S	7	x	Dev	3,116
Ashmore E; Coles; 13N; 14W	Pennsylvanian	415	1956	30	0	0	3	0	0		x	x	S	14	x	Pen	484
					Abd 1957; rev 1962												
Ashmore S†; Coles, Clark; 12N; 10-11E, 14W				180	2	31	18	1	0	16						Trn	2,260
	Unnamed, Pen	420	1958	170	x	x	17	1	0		24	x	S	x	AL		
	Mississippian	475	1963	10	x	x	1	0	0		x	x	L	17	x		
Assumption Cen; Christian; 13N; 1E	Devonian	2,433	1961	20	0	0	1	0	0	0	x	x	L	4	x	Dev	2,437
					Abd 1961												
•Assumption C; Christian; 13-14N; 1E			1948	2,980	439	8,409	182	0	1	104					A	Ord	3,070
	Benoist, Mis	1,050		460	x	x	46	0	0		40	x	S	13	A		
	Spar Mtn, Mis	1,170		330	x	x	17	0	0		38	x	S	4	AL		
	Lingle, Dev	2,300		2,930	x	x	121	0	1		40	x	L	8	A		
	2 or more pays		1963				1	0	0								
Assumption S; Christian; 12N; 1E	Lingle, Dev	2,630	1951	60	0.7	15	3	0	0	1	39	x	L	15	x	Dev	2,740
Ava-Campbell Hill†; Jackson; 7S; 3-4W	Cypress, Mis	780	1916	80	0	x	16	0	0	0	x	x	S	18	A	Trn	3,582
					Abd 1943; rev 1956; abd 1957												
Baldwin; Randolph; 4S; 6W	Silurian	1,535	1954	60	0.3	9	3	0	0	1	x	x	L	x	R	Trn	2,234
•Barnhill; Wayne, White; 2-3S; 8E			1939	2,050	94	5,566	156	0	2	52					A	Dev	5,500
	Aux Vases, Mis	3,325		750	x	x	72	0	1		x	x	S	15	AL		
	Ohara, Mis	3,370		160	x	x	8	0	0		x	x	OL	6	AC		
	Spar Mtn, Mis	3,400		200	x	x	10	0	0		x	x	LS	9	AC		
	McClosky, Mis	3,450		1,260	x	x	74	0	1		38	0.17	OL	15	AC		
	St. Louis, Mis	3,520		20	x	x	1	0	0		x	x	L	7	AC		
	Salem, Mis	3,795		40	x	x	2	0	0		39	x	L	8	AC		
	2 or more pays						12	0	0								
•Bartelso; Clinton; 1-2N; 3W			1936	900	29	3,832	106	0	0	49					D	St. P	4,212
	Carlyle(Cyp),Mis	985		530	x	x	70	0	0		36	0.20	S	15	D		
	Silurian	2,420		430	x	x	37	0	0		42	0.27	L	12	R		
•Bartelso E; Clinton; 1N; 3W	Silurian	2,550	1950	420	24	782	21	1	0	19	42	x	L	7	R	Sil	2,788
Bartelso S; Clinton; 1N; 3W	Devonian	2,475	1942	100	0	24	3	0	0	0	40	0.15	L	3	A	Dev	2,652
					Abd 1962												
Bartelso W; Clinton; 1N; 3-4W			1945	230	4	60	19	0	0	11					A	Dev	2,600
	Cypress, Mis	960	1945	210	x	x	16	0	0		x	x	S	15	A		
	Silurian	2,439	1961	20	x	x	1	0	0		x	x	L	7	A	Dev	2,600
•Beaucoup; Washington; 2S; 2W			1951	280	2	360	14	0	0	14					A	Trn	4,192
	Clear Creek,Dev	3,050		280	x	x	14	0	0		x	x	L	12	A		
	Trenton, Ord	4,095		20	x	x	1	0	0		x	x	L	5	A		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•Beaucoup (cont.)	2 or more pays						1	0	0								
•Beaucoup S; Washington; 2S; 2W	Benoist, Mis	1,430	1951	230	32	772	22	0	0	14	x	x	S	9	AL	Dev	3,122
•Beaver Creek; Bond, Clinton; 3-4N; 2-3W	Benoist, Mis	1,130	1942	160	3	232	16	0	1	7	34	0.25	S	6	A	Sil	2,558
Beaver Creek N; Bond; 4N; 3W	Benoist, Mis	1,115	1949	50	0	1	6	0	0	2	x	x	S	4	A	Dev	2,556
					Abd 1954; rev 1958												
•Beaver Creek S†; Clinton, Bond; 3-4N; 2-3W			1946	490	21	550	49	0	0	28					A	Sil	2,606
	Cypress, Mis	1,005		10	0	0	1	0	0		x	x	S	20	A		
	Benoist, Mis	1,140		480	21	550	48	0	0		x	x	S	5	A		
Beckemeyer Gas†; Clinton; 2N; 3W	Cypress, Mis	1,070	1956	10	0	0	1	0	0	0	x	x	S	23	x	Sil	2,730
•Bellair; Crawford, Jasper; 8N; 14W			1907	1,760	x	x	529	1	1	63					AM	Mis	1,471
					See Clark County Div. for production												
	"500 ft.", Pen	560		x	x	x	314	1	1		32	x	S	30	AM		
	"800 ft.", Pen	815		x	x	x	76	0	0		x	x	S	x	AM		
	"900 ft.", Mis	885		x	x	x	186	0	0		37	x	S	x	AM		
	Cypress, Mis	1,210		10	x	x	1	0	0		x	x	S	4	AM		
	Renault, Mis	830		30	x	x	5	0	0		x	x	S	6	AM		
	Aux Vases, Mis	800		120	x	x	11	0	0		x	x	S	x	AM		
	Ohara, Mis	860		20	x	x	1	0	0		x	x	L	4	A		
Belle Prairie; Hamilton; 4S; 6-7E			1940	260	8	764	14	0	0	3					A	Dev	5,483
	Aux Vases, Mis	3,250		30	x	x	3	0	0		37	x	S	8	AC		
	McClosky, Mis	3,420		240	x	x	12	0	0		37	0.12	L	6	AC		
	2 or more pays						1	0	0								
Belle Prairie W; Hamilton; 4S; 5E	Harrodsburg, Mis	4,206	1959	40	0	0.5	1	0	0	0	x	x	L	6		Mis	4,389
					Abd 1960												
Belle Rive; Jefferson; 3S; 4E	McClosky, Mis	3,085	1943	220	3	372	6	0	0	4	39	0.50	L	6	AC	Mis	4,200
Bellmont; Wabash; 1S; 13-14W			1951	70	0	73	4	0	0	1					M	Mis	3,006
	Bethel, Mis	2,650		10	0	11	1	0	0		x	x	S	7	ML		
	Ohara, Mis	2,840		60	0	62	3	0	0		x	x	L	7	MC		
•Beman; Lawrence; 3N; 11W			1942	680	7	282	32	3	1	16					A	Mis	2,000
	Aux Vases, Mis	1,805		70	x	x	7	1	1		x	x	S	20	AL		
	Ste. G, Mis	1,850		690	x	x	28	3	1		38	x	L	7	AC		
	2 or more pays						6	2	1								
Beman E; Lawrence; 3N; 10W			1947	110	1	109	6	1	0	1					A	Mis	1,924
					Abd 1960; rev 1965												
	Aux Vases, Mis	1,805		20	x	x	2	0	0		x	x	S	20	AL		
	Ste. G, Mis	1,860		100	x	x	5	1	0		x	x	L	7	AC		
	2 or more pays						1	0	0								
Bennington S; Edwards; 1N; 10E	McClosky, Mis	3,240	1944	20	0	10	1	0	0	0	x	x	L	8	MC	Mis	3,420
					Abd 1946												
•Benton; Franklin; 6S; 2-3E			1941	2,440	352	37,741	262	0	5	26					A	Trn	6,250
	Pennsylvanian	1,700		20	0	x	2	0	0		x	x	S	9	AL		
	Tar Springs, Mis	2,100		2,400	x	x	244	0	4		38	x	S	10	A		
	Aux Vases, Mis	2,752	1959	200	x	x	20	1	2		x	x	S	15	A		
	Ohara, Mis	2,804	1959	240	x	x	12	1	0		x	x	L	8	A		

•Benton (cont.)	McClosky, Mis	2,906	1960	100	x	x	5	1	0		x	x	OL	4	AC			
	St. Louis, Mis	2,990	1960	20	x	x	1	0	0		x	x	L	6	A			
	Harrodsburg, Mis	3,705	1960	20	x	x	1	0	0		x	x	L	5	A			
	2 or more pays						15	1	0									
Benton N; Franklin; 5-6S; 2E			1941	790	49	2,366	63	0	0	49					A	Mis	3,700	
	Cypress, Mis	2,460		130	x	x	13	0	0		x	x	S	17	A			
	Paint Creek, Mis	2,501	1962	10	x	x	1	0	0		x	x	S	8	x			
	Bethel, Mis	2,600		190	x	x	19	0	0		38	0.15	S	20	AL			
	Aux Vases, Mis	2,685		110	x	x	9	0	0		37	0.15	S	10	A			
	Ohara, Mis	2,730		240	x	x	12	0	0		37	0.70	L	8	A			
	Spar Mtn, Mis	2,775		160	x	x	8	0	0		38	0.15	S	6	A			
	McClosky, Mis	2,800		360	x	x	18	0	0		x	x	L	10	A			
	2 or more pays						14	0	0									
•Berry; Sangamon; 15N; 3W			1961	660	118	224	33	8	0	26						Sil	1,827	
	Devonian	1,743	1962	40	x	x	2	0	0		x	x	S	4	x			
	Silurian	1,736	1961	600	x	x	31	8	0		x	x	L	35	x			
•Berryville C; Wabash, Edwards; 1-2N; 14W			1943	540	3	996	19	0	0	1					M	Mis	3,125	
	Ohara, Mis	2,900		120	x	x	6	0	0		x	x	L	6	MC			
	Spar Mtn, Mis	2,850		20	x	x	2	0	0		x	x	L	12	MC			
	McClosky, Mis	2,890		420	x	x	12	0	0		36	x	L	10	MC			
	2 or more pays						1	0	0									
Bessie; Franklin; 6S; 3E	Ohara, Mis	2,895	1943	40	4	112	1	0	0	1	39	0.15	L	10	MC	Mis	3,457	
Bible Grove N; Effingham; 6N; 7E			1947	130	2	91	7	0	0	1					M	Mis	2,999	
	Cypress, Mis	2,535		50	x	x	4	0	0		36	x	S	7	M			
	Spar Mtn, Mis	2,835		40	x	x	1	0	0		x	x	LS	5	ML			
	McClosky, Mis	2,875		60	x	x	3	0	0		x	x	L	5	M			
	2 or more pays						1	0	0									
Bible Grove S; Clay; 5N; 7E			1942	50	2	127	3	0	0	2					M	Mis	2,953	
	Cypress, Mis	2,500		10	x	x	1	0	0		x	x	S	10	ML			
	Aux Vases, Mis	2,740		40	x	x	2	0	0		38	x	S	10	ML			
•Blackland; Macon, Christian; 15N; 1E-1W	Silurian	1,935	1953	910	10	463	39	0	1	17	39	x	L	12	MU	Ord	3,780	
Blackland N; Macon; 16N; 1E	Silurian	1,948	1960	280	10	217	14	0	3	8	x	x	L	11	M	Sil	2,164	
Black River; White; 4S; 13W	Clore, Mis	1,865	1952	10	3	33	1	0	0	1	x	x	S	6	x	Mis	3,071	
Blairsville W; Hamilton; 4S; 7E			1951	200	3	405	10	0	0	1					A	Mis	3,507	
	Spar Mtn, Mis	3,345		20	x	x	1	0	0		x	x	L	6	AC			
	McClosky, Mis	3,405		200	x	x	10	0	0		x	x	L	8	AC			
	2 or more pays						1	0	0									
Bluford; Jefferson; 2S; 4E	McClosky, Mis	3,060	1961	40	18	53	2	0	0	2	x	x	OL	6	x	Mis	3,833	
Bogota; Jasper; 6N; 9E			1943	300	5	505	10	0	0	2					A	Mis	3,234	
	Spar Mtn, Mis	3,090		20	x	x	1	0	0		x	x	L	4	AC			
	McClosky, Mis	3,110		280	x	x	9	0	0		35	x	L	7	A			
Bogota N; Jasper; 6N; 9E	McClosky, Mis	3,080	1949	20	0 Abd 1950	0	1	0	0	0	x	x	L	3	x	Mis	3,647	
Bogota S; Jasper; 5-6N; 9E	McClosky, Mis	3,075	1944	480	9	510	23	0	0	17	35	x	L	8	MC	Mis	3,182	
•Bone Gap C; Edwards; 1S; 10-11E, 14W			1941	1,240	34	2,276	60	0	0	19					A	Mis	3,350	
	Pennsylvanian	2,110		10	0	2	1	0	0		x	x	S	8	AL			
	Waltersburg,Mis	2,310		160	x	x	16	0	0		35	x	S	20	A			
	Cypress, Mis	2,710		70	x	x	7	0	0		x	x	S	10	A			
	Bethel, Mis	2,880		30	x	x	3	0	0		x	x	S	14	AL			
	Aux Vases, Mis	3,020		10	0	10	1	0	0		x	x	S	9	AL			
	Ohara, Mis	3,040		80	x	x	4	0	0		x	x	L	5	AC			
	Spar Mtn, Mis	3,045		100	x	x	5	0	0		x	x	L	5	AC			
	McClosky, Mis	3,200		800	x	x	24	0	0		41	0.33	L	6	AC			
	2 or more pays						2	0	0									

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Bone Gap E; Edwards; 1S; 14W			1951	40	0	13	2	0	0	0					M	Mis	3,156
					Abd 1956												
	Ohara, Mis	2,980		20	0	13	1	0	0		x	x	L	10	MC		
	McClosky, Mis	3,050		20	0	0	1	0	0		x	x	L	5	MC		
Bone Gap W; Edwards; 1S; 10E	Ste. G, Mis	3,290	1954	80	5	20	4	2	0	3	x	x	L	5	x	Mis	3,504
					Abd 1955; rev 1964												
•Boulder†; Clinton; 2-3N; 2W			1941	750	0	8,120	55	0	14	0					D	Trn	3,813
					Abd 1965												
	Benoist, Mis	1,190		550	0	0	33	0	6		36	x	S	20	D		
	Geneva, Dev	2,630		580	0	0	22	0	8		28	0.33	D	7	R		
Boulder E†; Clinton; 3N; 1W	Devonian	2,850	1955	100	23	79	5	2	0	3	x	x	L	5	x	Dev	2,946
•Bourbon C; Douglas; 15N; 7E	Spar Mtn, Mis	1,600	1956	1,030	11	1,713	83	0	4	22	34	x	LS	12	NC	Mis	2,275
Bourbon S; Douglas; 15N; 7E	Spar Mtn, Mis	1,693	1960	20	0	0	1	0	0	0	x	x	S	12	NC	Mis	1,706
					Abd 1964												
Bowyer; Richland; 5N; 14W	Spar Mtn, Mis	2,883	1958	20	0.5	11	1	0	0	1	36	x	S	x	x	Mis	2,950
•Boyd; Jefferson; 1S; 1-2E			1944	1,450	77	14,495	118	0	53	35					A	Dev	3,870
	Benoist, Mis	2,060		1,440	x	x	113	0	50		39	0.14	S	19	A		
	Aux Vases, Mis	2,130		690	x	x	45	0	6		39	x	S	15	A		
	Ohara, Mis	2,230		40	x	x	24	0	1		39	x	L	2	AC		
	2 or more pays						36	0	0								
Broughton; Hamilton; 6S; 7E	McClosky, Mis	3,275	1951	20	0	6	1	0	0	0	x	x	L	5	x	Mis	3,355
					Abd 1954												
Broughton S; Saline; 7S; 7E	McClosky, Mis	3,215	1951	20	0	0	1	0	0	0	x	x	L	4	x	Mis	3,300
					Abd 1952												
•Brown; Marion; 1N; 1E	Cypress, Mis	1,670	1910	120	3	x	12	0	0	10	x	x	S	x	N	Mis	2,036
•Browns; Edwards, Wabash; 1-2S; 14W			1943	1,170	114	2,263	67	4	0	36					A	Dev	5,200
	Biehl, Pen	1,870	1962	10	x	x	1	0	0		x	x	S	8	x		
	Tar Springs, Mis	2,365		10	x	x	1	0	0		x	x	S	14	AL		
	Cypress, Mis	2,640		320	x	x	25	0	0		35	0.18	S	13	A		
	Bethel, Mis	2,785		70	x	x	5	0	0		35	x	S	12	AL		
	Aux Vases, Mis	2,965		10	x	x	1	0	0		x	x	S	7	AL		
	Ohara, Mis	2,965		240	x	x	12	4	0		x	x	L	4	AC		
	Spar Mtn, Mis	2,975		20	x	x	1	0	0		x	x	L	3	AC		
	McClosky, Mis	3,000		600	x	x	35	0	0		35	x	L	6	A		
	2 or more pays						10	0	0								
•Browns E; Wabash; 1-2S; 14W			1946	690	22	2,740	69	0	0	28						Mis	3,113
	Pennsylvanian	1,844	1963	10	x	x	1	0	0		x	x	S				
	Cypress, Mis	2,570	1946	680	x	x	68	0	0		36	x	S	13	ML		
Browns S; Edwards; 2S; 14W			1943	40	0	21	4	0	0	1					N	Mis	3,095
	Bethel, Mis	2,850		20	x	x	2	0	0		x	x	S	15	NL		
	Aux Vases, Mis	2,950		30	x	x	3	0	0		x	x	S	8	NL		
	2 or more pays						1	0	0								
Buckhorn; Brown; 1S; 4W	Silurian	682	1961	20	0	0	1	0	0	0	x	x	D	3	x	Sil	685
					Abd 1964												

Buckner; Franklin; 6S; 2E	Aux Vases, Mis	2,601	1963	20	1	1	2	1	0	2	x	x	S	12	x	Mis	2,776
Bulpitt S; Christian; 13N; 3W	Dev-Sil	1,911	1962	80	0.4	3	4	0	1	2	x	x	L	15	x	Dev-Sil	1,975
•Bungay C; Hamilton; 4S; 7E			1941	3,480	241	12,494	249	2	13	131					A	Dev	5,566
	Renault, Mis	3,270		220	x	x	20	2	0		x	x	S	10	AL		
	Aux Vases, Mis	3,295		3,090	x	x	193	0	10		37	0.24	S	15	AL		
	Ohara, Mis	3,335		80	x	x	3	0	1		x	x	L	8	AC		
	Spar Mtn, Mis	3,400		80	x	x	2	0	1		x	x	L	8	AC		
	McClosky, Mis	3,425		280	x	x	14	0	4		37	0.24	L	8	AC		
	Harrodsburg, Mis	4,190	1959	20	x	x	1	0	0		x	x	L	10	AC		
	2 or more pays						7	0	2								
Burnt Prairie S; White; 4S; 9E			1947	70	0.5	27	4	0	0	1						Mis	3,565
	Aux Vases, Mis	3,330		10	0.5	10	1	0	0		x	x	S	24	x		
	Ohara, Mis	3,415		20	0	10	1	0	0		x	x	L	6	x		
	McClosky, Mis	3,460		40	0	7	2	0	0		x	x	L	4	x		
Calhoun Cen; Richland; 2N; 10E			1950	60	0	0.5	3	0	0	0					M	Mis	3,355
					Abd 1952; rev and abd 1959												
	Spar Mtn, Mis	3,245		40	0	x	2	0	0		x	x	L	6	MC		
	McClosky, Mis	3,280		20	0	x	1	0	0		x	x	L	3	MC		
•Calhoun C; Richland, Wayne; 2-3N; 9-10E			1944	2,460	26	3,898	103	0	4	1					A	Mis	4,039
	Ohara, Mis	3,140		x	x	x	22	0	0		x	x	OL	9	A		
	Spar Mtn, Mis	3,160		x	x	x	24	0	4		x	x	OL	6	A		
	McClosky, Mis	3,180		x	x	x	61	0	4		38	0.15	OL	10	A		
	2 or more pays						14	0	0								
•Calhoun E; Richland; 2N; 10-11E	McClosky, Mis	3,265	1950	160	0.4	221	5	0	1	3	39	x	L	5	MC	Mis	3,380
Calhoun N; Richland; 3N; 10E			1944	60	0.6	70	3	0	0	1					A	Mis	3,280
	Spar Mtn, Mis	3,155		20	x	x	1	0	0		x	x	LS	10	A		
	McClosky, Mis	3,170		60	x	x	3	0	0		x	x	OL	11	A		
	2 or more pays						1	0	0								
Calhoun S; Wayne, Richland, Edwards; 1-2N; 9E			1953	410	67	339	21	5	1	19						Mis	3,406
					Abd 1953; rev 1961												
	Aux Vases, Mis	3,175	1953	20	x	x	2	1	0		x	x	L	5	x		
	Ohara, Mis	3,232	1963	60	x	x	3	1	0		x	x	L	8	x		
	Spar Mtn, Mis	3,224	1962	180	x	x	9	2	0		x	x	L	5	x		
	McClosky, Mis	3,209	1961	260	x	x	12	3	1		x	x	OL	6	x		
	2 or more pays		1963				5	2	0								
Carlinville†; Macoupin; 9N; 7W	Unnamed, Pen	380	1909	80	x	x	8	0	0	3	28	x	S	x	A	Mis	1,380
					Abd 1925; rev 1942												
Carlinville N†; Macoupin; 10N; 7W	Pottsville, Pen	440	1941	120	0	1	x	0	10	0	20	0.35	S	10	x	Trn	1,970
					Abd 1954												
Carlinville S; Macoupin; 9N; 7W	Pennsylvanian	539	1958	10	0	0	1	0	0	0	x	x	S	x	x	Pen	1,020
					Abd 1964												
•Carlyle; Clinton; 2N; 3W			1911	950	16	4,007	189	1	0	25					A	St.P	4,120
	Golconda, Mis	900		30	x	x	6	0	0		x	x	L	10	AC		
	Carlyle(Cyp),Mis	1,035		950	x	x	184	1	0		35	0.26	S	20	AL		
	2 or more pays						1	0	0								
Carlyle E; Clinton; 2N; 2W	Benoist, Mis	1,197	1963	10	0	0	1	0	0	1	x	x	S	4	x	Mis	1,245
•Carlyle N; Clinton; 3N; 3W	Benoist, Mis	1,150	1950	510	27	709	45	0	0	37	36	x	S	6	AL	Dev	2,558
Carlyle S; Clinton; 1N; 3W	Cypress, Mis	1,075	1951	20	0	2	2	0	0	0	x	x	S	4	x	Mis	1,194
					Abd 1953												
•Carmi; White; 5S; 9E			1939	230	10	301	18	0	1	5					M	Mis	3,340
					Abd 1949; rev 1952												
	Pennsylvanian	1,210		10	x	x	1	0	0		x	x	S	10	ML		
	Cypress, Mis	2,800		60	x	x	7	0	0		x	x	S	15	ML		
	Aux Vases, Mis	3,145		40	x	x	4	0	0		x	x	S	8	ML		
	McClosky, Mis	3,150		120	x	x	6	0	1		x	x	OL	6	MC		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Cr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Carmi N; White; 5S; 9E			1942	110	4	260	6	0	0	3					A	Mis	3,452
	Cypress, Mis	2,940		20	x	x	1	0	0		38	x	S	13	Af		
	Sample, Mis	3,080		10	x	x	1	0	0		x	x	S	12	Af		
	Aux Vases, Mis	3,270		100	x	x	5	0	0		37	0.14	S	14	Af		
	2 or more pays						1	0	0								
•Casey; Clark; 10-11N; 14W			1906	2,330	x	x	510	1	2	255					AM	Trn	2,608
	See Clark County Div. for Production																
	Upper Gas, Pen	265		210	x	x	43	0	x		32	x	S	x	AM		
	Lower Gas, Pen	300		430	x	x	86	1	x		30	x	S	x	AM		
	Casey, Pen	445		1,610	x	x	371	0	x		32	x	S	10	AM		
	Carper, Mis	1,300		250	x	x	20	0	x		x	x	S	50	AM		
•Centerville; White; 4S; 9E			1940	260	2	518	13	0	0	4					N	Mis	3,919
	Aux Vases, Mis	3,240		10	x	x	1	0	0		x	x	S	6	NL		
	Ohara, Mis	3,310		140	x	x	6	0	0		x	x	L	10	NC		
	Spar Mtn, Mis	x		40	x	x	2	0	0		x	x	L	x	NC		
	McClosky, Mis	3,370		140	x	x	6	0	0		40	0.17	OL	4	NC		
	2 or more pays						2	0	0								
•Centerville E; White; 3-4S; 9-10E			1941	1,440	557	6,975	134	0	0	63					A	Mis	3,427
	Palestine, Mis	2,225		20	x	x	2	0	0		x	x	S	3	ALf		
	Tar Springs, Mis	2,500		430	x	x	34	0	0		37	0.20	S	24	ALf		
	Hardinsburg, Mis	2,615		10	x	x	1	0	0		x	x	S	22	ALf		
	Cypress, Mis	2,915		430	x	x	46	0	0		36	x	S	6	ALf		
	Bethel, Mis	2,990		220	x	x	20	0	0		36	x	S	20	ALf		
	Aux Vases, Mis	3,075		370	x	x	38	0	0		36	x	S	21	ALf		
	Ohara, Mis	3,175		80	x	x	4	0	0		36	x	OL	5	ACf		
	Spar Mtn, Mis	3,185		20	x	x	1	0	0		x	x	LS	6	ACf		
	McClosky, Mis	3,230		320	x	x	16	0	0		37	x	OL	7	ACf		
	2 or more pays						19	0	0								
Centerville N; White; 3S; 10E	Bethel, Mis	2,990	1947	10	0	0	1	0	0	0	x	x	S	13	ML	Mis	3,290
	Abd 1948																
Centerville N E; White; 3S; 10E	Bethel, Mis	3,055	1955	10	0	6	1	0	0	0	x	x	S	14	x	Mis	3,407
	Abd 1959																
•Central City; Marion; 1N; 1E	Pennsylvanian	826	1964	80	11	14	8	1	0	8			S	10		Mis	1,942
•Centralia; Clinton, Marion; 1-2N; 1E, 1W			1937	3,550	624	53,035	1,020	0	7	302					A	Ord	4,170
	Petro, Pen	765	1958	40	x	x	4	0	2		x	x	S	x	A		
	Cypress, Mis	1,200		570	x	x	57	0	2		36	0.20	S	12	A		
	Benoist, Mis	1,355		1,500	x	x	576	0	2		37	0.17	S	20	A		
	Devonian	2,870		2,500	x	x	319	0	1		40	0.38	L	9	A		
	Trenton, Ord	3,930		1,400	x	x	59	0	0		40	x	L	22	A		
	2 or more pays						2	0	0								
Centralia W; Clinton; 1N; 1W			1940	90	0.8	408	10	0	0	1					N	Dev	3,021
	Cypress, Mis	1,308	1960	10	x	x	1	0	0		x	x	S	4	N		
	Benoist, Mis	1,440	1940	90	x	x	9	0	0		38	0.17	S	9	N		
Chesterville; Douglas; 15N; 7E	Spar Mtn, Mis	1,780	1956	100	0.1	34	5	0	0	1	x	x	LS	8	ML	Mis	1,829
•Chesterville E; Douglas; 14-15N; 7-8E	Spar Mtn, Mis	1,720	1957	410	82	976	41	0	0	27	39	x	S	10	NC	Mis	1,785
Christopher S; Franklin; 7S; 1E			1964	40	3	5	3	0	0	3						Mis	2,820
	Aux Vases, Mis	2,620	1964	30	x	x	3	0	0				S	8			
	Ohara, Mis	2,690	1964	20	x	x	1	0	0				L	10			
	2 or more pays						1	0	0								

Clark County Division; Clark, Coles, Crawford, Cumberland, Jasper				27,650	695	81,296	5,668	12	14	1,801						St.P	3,411
				Totals for Bellair, Casey, Johnson N, Johnson S, Martinsville, Siggins, Westfield, and York Pools.													
Clarksburg; Shelby; 10N; 4E	Aux Vases, Mis	1,770	1946	40	3	42	4	0	0	3	34	x	S	6	A	Dev	3,206
•Clay City C; Clay, Wayne, Richland, Jasper; 1-7N, 1-2S; 6-11E			1937	93,720	5,261	247,758	5,055	113	129	2,404					A	St.P	7,205
	Waltersburg, Mis	2,175		10	x	x	1	0	0		x	x	S	6	AL		
	Tar Springs, Mis	2,560		160	x	x	8	0	0		37	x	S	15	AL		
	Cypress, Mis	2,635		6,450	x	x	521	11	11		34	x	S	15	AL		
	Bethel, Mis	2,800		140	x	x	13	0	0		x	x	S	15	AL		
	Aux Vases, Mis	2,940		17,090	x	x	1,679	47	31		39	x	S	15	AL		
	Ohara, Mis	3,020		x	x	x	188	0	6		38	x	OL	5	AC		
	Spar Mtn, Mis	3,030		x	x	x	520	12	32		38	x	LS	8	AC		
	McClosky, Mis	3,050		x	x	x	2,546	51	58		40	x	OL	10	AC		
	St. Louis, Mis	3,025	1949	500	x	x	25	6	1		x	x	L	3	A		
	Salem, Mis	3,590		2,260	x	x	114	4	0		38	x	L	10	A		
	Warsaw, Mis	3,600		30	x	x	2	1	0		x	x	L	17	A		
	Devonian, Dev	4,350	1949	60	x	x	1	0	0		x	x	L	10	A		
	2 or more pays						326	12	9								
•Clay City W C; Clay, Wayne; 2N; 7E			1941	2,010	126	3,470	131	0	6	55					A	Dev	4,973
	Cypress, Mis	2,700		10	x	x	1	0	0		x	x	S	10	AL		
	Aux Vases, Mis	2,970		730	x	x	72	0	0		x	x	S	10	AL		
	Ohara, Mis	3,082	1961	40	x	x	2	0	1		x	x	L	6	A		
	Spar Mtn, Mis	3,106	1961	120	x	x	6	0	0		x	x	L	7	A		
	McClosky, Mis	3,090		1,330	x	x	59	0	4		37-39	0.12	OL	x	A		
	St. Louis, Mis	3,174	1961	20	x	x	1	0	1		x	x	L	5	A		
	Salem, Mis	3,565	1962	220	x	x	11	0	0		x	x	L	13	x		
	2 or more pays						13	0	0								
Clifford; Williamson; 8S; 1E			1957	30	0 Abd 1965	15	2	0	2	0						Mis	2,625
	Aux Vases, Mis	2,380	1957	20	x	x	2	0	1		x	x	S	7	x		
	Spar Mtn, Mis	2,470	1957	20	x	x	1	0	0		x	x	LS	7	x		
	McClosky, Mis	2,540	1957	20	x	x	1	0	1		x	x	L	5	x		
	2 or more pays		1957				1	0	0								
Coil; Wayne; 1S; 5E			1942	490	15	1,609	18	0	1	12					A	Mis	3,250
	Aux Vases, Mis	2,910		470	15	1,608	17	0	1		39	0.12	S	10	A		
	McClosky, Mis	3,065		20	0	1	1	0	0		x	x	OL	15	AC		
Coil N; Wayne; 1N-1S; 5E	Aux Vases, Mis	2,841	1958	60	15	116	6	0	0	5	x	x	S	x	x	Mis	3,002
•Coil W; Jefferson; 1S; 4E			1942	390	1	749	21	0	1	1					A	Mis	3,389
	Aux Vases, Mis	2,720		130	x	x	13	0	1		x	x	S	15	AL		
	Ohara, Mis	2,790		200	x	x	10	0	0		x	x	L	7	AC		
	Spar Mtn, Mis	2,805		40	x	x	2	0	0		x	x	L	x	AC		
	McClosky, Mis	2,880		240	x	x	12	0	0		x	x	L	8	AC		
	Salem, Mis	3,346	1961	20	x	x	1	0	0		x	x	L	10	A		
	2 or more pays						6	0	0								
Collinsville; Madison; 3N; 8W	Silurian	1,305	1909	40	0 Abd 1921	1	6	0	0	0	x	x	L	20	ML	St.P	2,177
•Colmar-Plymouth; Hancock-McDonough; 4-5N; 4-5W	Hoing, Dev	450	1914	2,570	44	4,543	503	1	0	195	38	0.38	S	14	AL	Shak	1,095
•Concord C; White; 6S; 10E			1942	1,950	108	7,664	164	0	1	93					A	Mis	3,138
	Tar Springs, Mis	2,270		230	x	x	26	0	0		36	x	S	11	AL		
	Hardinsburg, Mis	2,510		310	x	x	30	0	0		x	x	S	7	A		
	Cypress, Mis	2,625		230	x	x	18	0	0		x	x	S	10	AL		
	Aux Vases, Mis	2,905		550	x	x	47	0	0		36	0.15	S	14	AL		
	Ohara, Mis	2,930		40	x	x	2	0	0		x	x	L	8	AC		
	Spar Mtn, Mis	3,035		80	x	x	3	0	1		x	x	L	8	AC		
	McClosky, Mis	2,990		1,140	x	x	56	0	0		37	x	L	10	AC		
	2 or more pays						16	0	0								
Concord E C; White; 6-7S; 10E			1942	380	33	758	37	0	0	19					A	Mis	3,125
	Waltersburg, Mis	2,140		30	x	x	3	0	0		37	x	S	10	A		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure	Deepest test: Zone and depth (ft)
Concord E C (cont.)	Tar Springs, Mis	2,175		60	x	x	5	0	0		x	x	S 4 A	
	Cypress, Mis	2,540		180	x	x	18	0	0		x	x	S 6 A	
	Renault, Mis	2,800		20	x	x	2	0	0		x	x	L 6 A	
	Aux Vases, Mis	2,825		60	x	x	6	0	0		x	x	S 12 A	
	Ohara, Mis	2,895		40	x	x	2	0	0		x	x	L 6 AC	
	Spar Mtn, Mis	2,895		100	x	x	5	0	0		x	x	S 5 AC	
	McClosky, Mis	2,965		30	x	x	2	0	0		x	x	L 2 AC	
	2 or more pays						5	0	0					
•Cooks Mills C†; Coles, Douglas; 13-14N; 7-8E			1941	3,250	62	2,734	241	3	2	185			A	Dev 3,059
	Cypress, Mis	1,600		10	x	x	1	0	0		x	x	S 20 A	
	Aux Vases, Mis	1,765		20	x	x	2	0	0		x	x	S 15 A	
	Spar Mtn, Mis	1,800		3,190	x	x	235	3	2		36	x	S 9 A	
	McClosky, Mis	1,840	1955	20	x	x	1	0	0		x	x	L 4 A	
	Carper, Mis	2,700	1963	10	x	x	1	0	0		x	x	S 5 x	
	Devonian	2,867	1963	40	x	x	2	0	0		x	x	L 3 x	
	2 or more pays						2	0	0					
•Cordes; Washington; 3S; 3W	Benoist, Mis	1,260	1939	1,320	148	9,020	155	0	5	53	36	0.19	S 14 A	Trn 3,880
Corinth; Williamson; 8S; 4E			1957	150	19	210	13	2	0	12			x	Mis 3,155
	Aux Vases, Mis	2,885		120	x	x	12	2	0		x	x	S 10 x	
	Ohara, Mis	2,929		20	x	x	1	0	0		x	x	L x x	
	Spar Mtn, Mis	2,985	1957	40	x	x	2	0	0		x	x	L 10 x	
	2 or more pays						3	0	0					
Corinth E; Williamson; 8S; 4E	McClosky, Mis	3,035	1957	20	0 Abd 1960	11	1	0	0	0	x	x	L 10 x	Mis 3,113
Corinth N; Williamson; 8S; 4E	Aux Vases, Mis	2,935	1957	10	0 Abd 1960	4	1	0	0	0	x	x	S 16 x	Mis 3,180
Cottage Grove; Saline; 9S; 7E	Ohara, Mis	2,770	1955	20	0 Abd 1963	13	1	0	0	0	x	x	L x x	Mis 2,977
Coulterville N; Washington; 3S; 5W	Silurian	2,290	1958	80	0.2	27	4	0	0	3	x	x	L x x	Ord 3,204
•Covington S; Wayne; 2S; 6E			1943	560	21	362	18	0	0	7			AC	Dev 5,300
	McClosky, Mis	3,310	1943	400	x	x	12	0	0		39	0.18	L 5 AC	
	St. Louis, Mis	3,361	1962	20	x	x	1	0	0		x	x	L 4 x	
	Harrodsburg, Mis	4,148	1960	140	x	x	5	0	0		x	x	L 12 AC	
Craig; Perry; 4S; 4W	Trenton, Ord	3,650	1948	20	0.2 Abd 1951	2	1	0	0	0	35	x	L 20 A	Ord 3,735
Cravat; Jefferson; 1S; 1E	Benoist, Mis	2,070	1939	120	2	368	11	0	0	6	35	0.23	S 10 A	Dev 3,850
Cravat W; Jefferson; 1S; 1E			1956	140	8	100	15	0	0	14			x	Mis 2,382
	Pennsylvanian	1,045	1956	130	8	100	14	0	0		x	x	S 10 x	
	Bethel, Mis	2,070	1960	10	0	0	1	0	0		x	x	S 10 x	
Crossville; White; 4S; 10E			1946	130	0 Abd 1952; rev 1956; abd 1958	16	11	0	0	0			M	Mis 3,283
	Bethel, Mis	2,880		30	0	x	3	0	0		x	x	S 9 ML	
	Aux Vases, Mis	3,030	1956	30	0	x	3	0	0		x	x	S 20 ML	
	Ohara, Mis	3,100		20	0	x	1	0	0		x	x	L 3 MC	
	McClosky, Mis	3,120		60	0	x	4	0	0		x	x	L 5 MC	
	2 or more pays						1	0	0					
•Crossville W; White; 4S; 10E			1952	210	9 Abd 1953; rev 1956	319	15	0	0	10			M	Mis 3,292

·Crossville W (cont.)	Aux Vases, Mis	3,030		90	x	x	9	0	0		x	x	S	8	ML		
	Ohara, Mis	3,110	1958	20	x	x	1	0	0		x	x	L	x	M		
	Spar Mtn, Mis	3,102	1958	10	x	x	1	0	0		x	x	L	x	M		
	McClosky, Mis	3,185	1956	140	x	x	7	0	0		x	x	L	x	MC		
	2 or more pays						2	0	0								
Dahlgren; Hamilton; 3S; 5E			1941	700	2	1,201	44	0	0	2					A	Dev	5,299
	McClosky, Mis	3,300		700	2	1,199	43	0	0		39	0.16	L	11	A		
	Harrodsburg, Mis	4,110	1956	20	0	2	1	0	0		x	x	L	15	A		
Dahlgren W; Jefferson; 4S; 4E	Harrodsburg, Mis	4,019	1960	40	2	30	2	0	0	2	x	x	L	6	x	Dev	5,245
·Dale C; Franklin, Hamilton, Saline; 5-7S; 4-7E			1940	19,310	1,958	80,663	1,549	22	64	854					A	Pc	13,051
	Tar Springs, Mis	2,430		420	x	x	41	2	2		x	x	S	25	A		
	Hardinsburg, Mis	2,480		100	x	x	11	1	1		x	x	S	10	A		
	Cypress, Mis	2,700		950	x	x	110	10	2		x	x	S	15	A		
	Bethel, Mis	2,975		2,380	x	x	265	12	11		39	0.19	S	18	A		
	Aux Vases, Mis	3,150		14,040	x	x	1,257	17	50		39	0.15	S	20	A		
	Ohara, Mis	3,110		2,340	x	x	103	1	3		38	0.22	L	10	A		
	Spar Mtn, Mis	3,130		470	x	x	14	1	0		38	x	LS	7	A		
	McClosky, Mis	3,150		2,980	x	x	142	5	1		40	0.19	L	7	A		
	St. Louis, Mis		1965	20	x	x	1	1	0		x	x	L	x	x		
	2 or more pays						160	13	7								
Decatur; Macon; 16-17N; 2E	Silurian	2,000	1953	120	0	15	6	0	0	0	x	x	L	7	MU	Ord	2,800
					Abd 1959												
Decatur N; Macon; 17N; 3E	Silurian	2,200	1954	20	0	0.1	1	0	0	0	x	x	L	10	MU	Sil	2,240
					Abd 1955												
·Deering City; Franklin; 7S; 3E			1957	100	23	256	8	0	0	7						Mis	3,020
	Aux Vases, Mis	2,810	1957	60	21	250	6	0	0		x	x	S	20			
	McClosky, Mis	2,913	1963	40	2	6	2	0	0		x	x	OL	4	x		
·Divide C; Jefferson; 1S; 3-4E			1943	4,200	293	8,000	224	2	14	149					A	Dev	4,700
	Aux Vases, Mis	2,620		110	x	x	10	0	0		38	x	S	10	AL		
	Ohara, Mis	2,700		160	x	x	8	0	0		x	x	L	10	AC		
	Spar Mtn, Mis	2,700		400	x	x	20	0	0		39	x	LS	6	A		
	McClosky, Mis	2,750		3,000	x	x	146	1	12		38	0.21	L	6	AC		
	St. Louis, Mis	2,840	1955	460	x	x	21	0	0		x	x	L	7	AC		
	Salem, Mis	3,190	1960	1,100	x	x	55	1	2		x	x	L	10	AC		
	2 or more pays						29	0	0								
Divide S; Jefferson; 2S; 3-4E	McClosky, Mis	2,880	1948	300	9	477	15	0	0	4	35	x	L	5	x	Mis	3,575
Dix S; Jefferson; 1S; 2E	Benoist, Mis	1,950	1941	20	0	13	2	0	0	0	x	x	S	8	N	Mis	2,283
					Abd 1946												
·Dollville; Shelby; 12N; 2E	Bethel, Mis	1,509	1961	50	3	15	5	0	0	4	35	x	S	4	x	Mis	1,600
Dubois Cen; Washington; 3S; 1W			1954	140	16	138	12	0	0	9					x	Dev	3,100
	Benoist, Mis	1,335	1955	110	x	x	12	0	0		x	x	S	12	x		
	Spar Mtn, Mis	1,530	1954	60	x	x	3	0	0		x	x	L	8	x		
	2 or more pays						2	0	0								
·Dubois Ct; Washington; 3S; 1-2W			1939	1,180	61	1,470	106	0	0	89					A	Ord	4,217
	Cypress, Mis	1,230		830	x	x	72	0	0		x	x	S	10	AI		
	Benoist, Mis	1,325		500	x	x	36	0	0		32	0.26	S	10	AL		
	2 or more pays						2	0	0								
Dudleyt; Edgar; 13-14N; 13W			1948	610	47	1,113	78	0	0	66					M	St.P	2,997
	Upper Dudley, Pen	310		260	x	x	20	0	0		36	x	S	20	ML		
	Lower Dudley, Pen	410		590	x	x	58	0	0		25	x	S	50	ML		
Dudleyville E; Bond; 4-5N; 2-3W	Devonian	2,370	1954	40	0	3	2	0	0	0	x	x	L	5	x	Ord	3,397
					Abd 1961												
Dupo; St. Clair; 1N, 1S; 10W	Trenton, Ord	700	1928	1,020	x	x	321	0	0	28	33	0.70	L	50	A	Ord	1,800
Eberle; Effingham; 6N; 6E			1947	150	0.2	111	9	0	0	1					N	Mis	2,882
	Cypress, Mis	2,475		30	x	x	3	0	0		36	x	S	10	NL		
	Spar Mtn, Mis	2,680		40	x	x	2	0	0		x	x	LS	5	NC		
	McClosky, Mis	2,820		80	x	x	4	0	0		36	x	L	7	N		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure			Deepest test: Zone and depth (ft)	
Edinburg; Christian; 14N; 3W	Lingle, Dev	1,810	1949	20	0	0	1	0	0	0	x	x	L	2	A	Dev	1,853
					Abd 1951												
Edinburg S; Christian; 14N; 3W	Hibbard, Dev	1,795	1955	40	0	4	2	0	0	0	x	x	LS	13	x	Sil	1,902
					Abd 1963												
•Edinburg W; Christian, Sangamon; 14N; 3-4W			1954	2,240	149	2,406	112	13	1	89					A	Ord	2,285
	Devonian	1,660		100	x	x	6	1	0		41	x	S	6	A		
	Silurian	1,690		2,180	x	x	108	12	1		41	x	L	8	A		
	2 or more pays						2	0	0								
Elba; Gallatin; 8S; 8E			1955	180	0	25	13	0	0	0						Mis	2,991
					Abd 1960												
	Cypress, Mis	2,617	1958	10	x	x	1	0	0		x	x	S	x	x		
	Bethel, Mis	2,660		50	x	x	3	0	0		x	x	S	10	x		
	Renault, Mis	2,770		10	x	x	1	0	0		x	x	L	3	x		
	Aux Vases, Mis	2,780		80	x	x	5	0	0		x	x	S	5	x		
	Ohara, Mis	2,820	1955	80	x	x	3	0	0		x	x	L	11	x		
	2 or more pays						3	0	0								
•Elbridge; Edgar; 12-13N; 11W			1949	390	10	1,474	40	0	0	19					D	Trn	3,300
	Pennsylvanian	760		20	x	x	2	0	0		x	x	S	3	D		
	Fredonia, Mis	950		370	x	x	37	0	0		35	x	L	3	D		
	Devonian	1,950	1949	20	x	x	2	0	0		x	x	L	20	D		
•Eldorado C†; Saline; 8S; 6-7E			1941	2,950	367	7,502	285	3	13	189					A	Mis	3,606
	Palestine, Mis	1,920		260	x	x	24	0	1		x	x	S	20	AL		
	Waltersburg, Mis	2,125		1,430	x	x	143	0	7		38	x	S	25	AL		
	Tar Springs, Mis	2,200		190	x	x	19	2	0		x	x	S	15	AL		
	Hardinsburg, Mis	2,350		300	x	x	30	0	3		x	x	S	8	AL		
	Cypress, Mis	2,575		170	x	x	16	1	0		x	x	S	8	AL		
	Sample, Mis	2,680		60	x	x	6	0	1		x	x	S	18	AL		
	Benoist, Mis	2,778	1962	10	x	x	1	0	0		x	x	S	10	x		
	Aux Vases, Mis	2,900		710	x	x	64	0	2		x	x	S	12	AL		
	Ohara, Mis	2,900		60	x	x	3	0	0		x	x	L	5	AC		
	Spar Mtn, Mis	2,900		40	x	x	2	0	0		x	x	LS	4	AC		
	McClosky, Mis	2,975		40	x	x	2	0	0		34	0.14	L	5	AC		
	2 or more pays						16	0	1								
•Eldorado E†; Saline; 8S; 7E			1953	320	11	362	26	0	2	12					A	Mis	3,102
	Palestine, Mis	1,915		20	x	x	2	0	1		x	x	S	10	AL		
	Tar Springs, Mis	2,190		20	x	x	2	0	1		x	x	S	10	AL		
	Cypress, Mis	2,515		30	x	x	3	0	0		x	x	S	20	AL		
	Aux Vases, Mis	2,885		240	x	x	19	0	1		x	x	S	6	AL		
	Spar Mtn, Mis	2,975		20	0	x	1	0	0		x	x	L	4	AC		
	2 or more pays						1	0	1								
Eldorado W†; Saline; 8S; 6E			1955	60	0	46	6	0	1	1					x	Mis	3,138
	Palestine, Mis	1,940	1956	30	0	x	3	0	1		x	x	S	18	x		
	Renault, Mis	2,910	1955	20	0	x	2	0	0		x	x	L	6	x		
	Aux Vases, Mis	2,960		20	0	x	2	0	0		x	x	L	6	x		
	2 or more pays		1955				1	0	0								
Elk Prairie; Jefferson; 4S; 2E			1938	40	3	20	2	0	0	1						Mis	3,470
					Abd 1940; rev 1960												
	McClosky, Mis	2,735	1938	40	x	x	2	0	0		x	x	L	7	x		
	Salem, Mis	3,076	1960	20	x	x	1	0	0		x	x	L	8	x		
	2 or more pays		1960				1	0	0								

Elkton; Washington; 2S; 4W	Bailey, Dev	2,340	1955	40	0	3	2	0	0	0	x	x	L	30	x	Dev	2,485
					Abd 1960												
Elkville; Jackson; 7S; 1W	Benoist, Mis	2,000	1941	10	0	4	1	0	0	0	36	0.22	S	10	x	Mis	2,387
·Ellery E; Edwards; 2S; 10E			1952	340	11	937	25	0	6	7					M	Mis	3,390
	Aux Vases, Mis	3,180		160	x	x	13	0	3		x	x	S	35	ML		
	Ohara, Mis	3,255		180	x	x	11	0	3		x	x	L	6	MC		
	Spar Mtn, Mis	3,255		60	x	x	3	0	0		x	x	L	4	MC		
Ellery N; Edwards, Wayne; 2S; 9-10E			1942	160	0	27	7	0	0	0					M	Mis	3,496
					Abd 1943; rev & abd 1951; rev 1954												
	Bethel, Mis	3,100		20	x	x	2	0	0		x	x	S	35	ML		
	Aux Vases, Mis	3,230		10	x	x	1	0	0		x	x	S	12	ML		
	Spar Mtn, Mis	3,345		80	x	x	4	0	0		x	x	S	8	ML		
	McClosky, Mis	3,420		60	x	x	2	0	0		37	0.19	L	7	MC		
	2 or more pays						1	0	0								
Ellery S; Edwards; 2-3S; 10E			1943	210	0	173	9	0	0	0					M	Mis	3,434
					Abd 1952; rev 1953; abd 1959; rev and abd 1960												
	Aux Vases, Mis	3,200		50	0	35	5	0	0		x	x	S	15	ML		
	McClosky, Mis	3,300		160	0	138	4	0	0		38	x	L	9	MC		
Elliottstown; Effingham; 7N; 7E	Spar Mtn, Mis	2,730	1947	20	0	14	1	0	0	0	x	x	S	8	HL	Mis	2,884
					Abd 1951												
Elliottstown E; Effingham; 7N; 7E			1954	110	11	77	6	0	0	4						Mis	2,867
					Abd 1956; rev 1962												
	Cypress, Mis	2,485	1954	10	x	x	1	0	0		x	x	S	5	HL		
	Spar Mtn, Mis	2,750	1962	40	x	x	2	0	0		x	x	L	10	x		
	McClosky, Mis	2,771	1962	60	x	x	3	0	0		x	x	L	8	x		
Elliottstown N; Effingham; 7N; 7E			1953	230	68	103	13	6	0	11						Mis	2,865
					Abd 1958; rev 1964												
	Cypress, Mis	2,430	1953	20	x	x	2	0	0		x	x	S	4	HL		
	Spar Mtn, Mis	2,666	1964	30	x	x	2	1	0		x	x	L	3	x		
	McClosky, Mis	2,738	1964	180	x	x	9	5	0		x	x	OL	17	x		
·Enfield; White; 5S; 8E			1950	340	20	865	22	0	0	11					A	Mis	4,259
					Abd 1951; rev 1952												
	Aux Vases, Mis	3,250		170	x	x	13	0	0		x	x	S	10	AL		
	Ohara, Mis	3,310		80	x	x	4	0	0		x	x	L	4	AC		
	McClosky, Mis	3,385		100	x	x	5	0	0		x	x	L	8	AC		
Enfield S; White; 6S; 8E			1961	40	0	0	2	0	0	0					x	Mis	3,314
					Abd 1963												
	Aux Vases, Mis	3,174	1961	20	0	0	1	0	0		x	x	S	2	x		
	McClosky, Mis	3,277	1961	40	0	0	2	0	0		x	x	L	6	x		
	2 or more pays		1961				1	0	0								
Evers; Effingham; 8N; 7E			1948	90	3	103	5	0	1	3					A	Mis	2,808
					Abd 1949; rev 1953												
	Spar Mtn, Mis	2,610		60	x	x	3	0	1		39	x	L	7	AL		
	McClosky, Mis	2,660		30	x	x	2	0	0		x	x	L	4	AC		
Evers S; Effingham; 7N; 7E	Spar Mtn, Mis	2,650	1948	10	0	2	1	0	0	0	x	x	LS	8	AC	Mis	2,771
					Abd 1951												
Ewing; Franklin; 5S; 3E			1944	150	0.9	513	8	0	0	2					A	Mis	3,877
	Aux Vases, Mis	2,835		10	0	57	1	0	0		37	x	S	8	AL		
	McClosky, Mis	2,970		140	0.9	456	7	0	0		x	x	L	7	A		
Ewing E; Franklin; 5S; 3E	Ohara, Mis	3,010	1956	20	0	0	1	0	1	0	x	x	L	10	x	Mis	3,292
					Abd 1965												
Exchange; Marion; 1N; 3E			1943	80	0.4	68	2	0	0	1					M	Mis	2,869
	Ohara, Mis	2,695		40	x	x	1	0	0		x	x	L	10	MC		
	McClosky, Mis	2,730		80	x	x	2	0	0		x	x	L	8	MC		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Cr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Exchange E; Marion; 1N; 4E			1955	320	7	409	16	0	0	13					x	Mis	3,006
	Ohara, Mis	2,775	1955	20	x	x	1	0	0		x	x	L	14	x		
	Spar Mtn, Mis	2,780		180	x	x	7	0	0		x	x	S	11	x		
	McClosky, Mis	2,840		180	x	x	6	0	0		x	x	L	4	x		
	St. Louis, Mis	2,940	1955	20	x	x	1	0	0		x	x	L	8	x		
	2 or more pays						1	0	0								
•Exchange N; Marion; 1N; 3-4E	McClosky, Mis	2,715	1951	80	10	18	4	1	0	1	x	x	L	6	MC	Mis	3,194
					Abd 1952; rev 1955; abd 1959; rev 1965												
Exchange W; Marion; 1N; 3E	McClosky, Mis	2,650	1957	60	4	16	2	0	0	2	x	x	L	6	x	Mis	2,779
•Fairman; Marion, Clinton; 3N; 1E, 1W			1939	670	26	1,936	58	0	7	16					A	Ord	4,100
	Benoist, Mis	1,435	1939	480	x	x	44	0	7		37	0.27	S	10	A		
	Trenton, Ord	3,950	1957	300	x	x	14	0	0		x	x	L	20	A		
Fancher; Shelby; 10N; 4E	Benoist, Mis	1,749	1962	10	0	0	1	0	0	0	x	x	S	3	x	Mis	1,889
					Abd 1962												
Fehrer Lake; Callatin; 9S; 10E	Aux Vases, Mis	2,672	1963	10	0	4	1	0	0	1	x	x	L	8	x	Mis	2,795
Fitzgerrell; Jefferson; 4S; 1E			1944	10	0	16	1	0	0	0					x	Mis	3,012
					Abd 1952												
	Benoist, Mis	2,760		10	0	x	1	0	0		x	x	S	5	x		
	Aux Vases, Mis	2,800		10	0	x	1	0	0		x	x	S	x	x		
•Flora S; Clay; 2N; 6E	McClosky, Mis	2,985	1946	100	0	168	4	0	0	0	39	x	L	6	AC	Mis	3,361
					Abd 1961												
Forsyth; Macon; 17N; 2E	Silurian	2,118	1963	40	3	7	2	0	0	2	x	x	L	14	x	Sil	2,220
Francis Mills; Saline; 7S; 7E	Cypress, Mis	2,675	1952	20	3	90	1	0	0	1	x	x	S	5	x	Mis	3,238
Francis Mills S; Saline; 7S; 7E			1955	60	0	6	2	0	0	0						Mis	3,180
					Abd 1957; rev & abd 1962												
	Ohara, Mis	3,010	1955	40	0	6	2	0	0		x	x	L	11	x		
	Spar Mtn, Mis	3,042	1962	20	0	0	1	0	0		x	x	L	6	x		
Freeburg†; St. Clair; 1-2S; 7W (Now Freeburg Gas Storage Project)	Cypress, Mis	380	1955	20	0	x	2	0	0	0	x	x	S	30	x	Ord	2,000
Friendsville Cen; Wabash; 1N; 13W	Bethel, Mis	2,330	1946	50	0	31	5	0	2	0	x	x	S	15	MC	Mis	2,630
					Abd 1956												
•Friendsville N; Wabash; 1N; 12-13W			1946	150	4	234	18	0	0	6					MC	Mis	2,592
	Biehl, Pen	1,620	1946	140	x	x	17	0	0		x	x	S	12	MC		
	Bethel, Mis	2,308	1959	10	x	x	1	0	0		x	x	S	11	M		
Frogtown; Clinton; 2N; 3-4W	Carlyle (Cyp), Mis	950	1918	300	0	x	14	0	0	0	32	x	S	7	ML	Trn	3,290
					Abd 1933; rev 1949; abd 1956												
•Frogtown N; Clinton; 2-3N; 3-4W			1951	580	21	1,905	34	0	2	20					D	Sil	2,456
	St. Louis, Mis	1,200	1951	100	x	x	5	0	1		x	x	L	10	D		
	Dev-Sil	2,250		580	x	x	29	0	1		x	x	L	8	R		
Gards Point C; Wabash; 1N; 14W	Ohara, Mis	2,870	1951	820	17	810	35	0	0	27	x	x	L	6	MC	Mis	2,961
Cays; Moultrie; 12N; 6E			1946	110	5	62	6	0	0	2					M	Dev	3,305
					Abd 1950; rev 1955												
	Aux Vases, Mis	1,970		100	x	x	5	0	0		36	x	S	5	ML		
	Carper, Mis	2,963	1963	10	2	6	1	0	0		x	x	S	16	x		

Gays (cont.)	Devonian	3,205	1955	20	x	x	1	0	0		x	x	L	3	MC		
	2 or more pays						1	0	0								
•Germantown E; Clinton; 1-2N; 4W	Silurian	2,350	1956	600	57	1,665	27	0	0	26	x	x	L	30	R	Trn	3,310
•Gila; Jasper; 7-8N; 9E	McClosky, Mis	2,850	1957	560	147	916	28	1	0	19	x	x	OL	3	MC	Mis	2,971
Gillespie-Wyen; Macoupin; 8N; 6W	Unnamed, Pen	650	1915	45	0.4	x	23	0	0	2	30	x	S	x	T	Ord	2,560
Glenarm; Sangamon; 14N; 5W	Silurian	1,680	1955	180	5	42	8	0	0	3	x	x	L	9	x	Sil	1,821
					Abd 1957; rev 1959; abd 1960; rev 1961												
•Goldengate C; Wayne, White, Edwards; 2-4S; 9-10E			1938	7,940	609	15,127	478	1	8	291					A	Dev	5,522
	Cypress, Mis	2,942	1960	40	x	x	4	0	0		x	x	S	8	A		
	Bethel, Mis	3,110		280	x	x	21	0	6		x	x	S	11	HL		
	Aux Vases, Mis	3,180		2,190	x	x	178	1	1		40	0.14	S	15	AL		
	Ohara, Mis	3,250		1,580	x	x	48	0	1		39	x	OL	6	AC		
	Spar Mtn, Mis	3,275		2,020	x	x	66	0	0		39	x	LS	7	AC		
	McClosky, Mis	3,310		3,280	x	x	146	0	1		40	0.19	OL	7	AC		
	St. Louis, Mis	3,430		60	x	x	3	0	0		x	x	L	10	HL		
	Harrodsburg, Mis	4,125	1961	120	x	x	3	0	0		x	x	L	9	A		
	Dutch Creek, Dev	5,346	1961	640	x	x	16	0	0		x	x	S	10	x		
	2 or more pays						103	0	0								
Goldengate E; Wayne; 3S; 9E	Ohara, Mis	3,290	1951	20	0	5	1	0	0	0	x	x	L	3	x	Mis	3,420
					Abd 1957												
Goldengate N C; Wayne; 1-2S; 8-9E			1945	660	27	559	43	0	0	27					M	Mis	3,509
	Bethel, Mis	3,095		20	x	x	2	0	0		x	x	S	3	ML		
	Aux Vases, Mis	3,235		280	x	x	27	0	0		40	x	S	25	ML		
	Ohara, Mis	3,300		120	x	x	6	0	0		37	x	L	4	MC		
	Spar Mtn, Mis	3,325		200	x	x	9	0	0		37	x	L	5	MC		
	McClosky, Mis	3,350		200	x	x	10	0	0		x	x	L	6	MC		
	2 or more pays						13	0	0								
Grandview†; Edgar; 12-13N; 13W	Pennsylvanian	560	1945	60	0	4	6	0	0	4	30	x	S	10	M	Ord	2,694
Grayson; Saline; 8S; 7E			1957	60	0.9	19	3	0	0	1					x	Mis	3,045
	Cypress, Mis	2,515		10	x	x	1	0	0		x	x	S	6	x		
	Aux Vases, Mis	2,913	1961	20	x	x	1	0	0		x	x	L	4	x		
	McClosky, Mis	2,920		40	x	x	1	0	0		x	x	L	6	x		
	2 or more pays						1	0	0								
Greenville Gas†; Bond; 5N; 3W	Lingle, Dev	2,240	1957	20	0	0	1	0	0	0	x	x	L	5	A	Trn	3,184
					Abd 1958												
•Half Moon; Wayne; 1S; 9E			1947	1,210	97	2,509	62	0	1	44					M	Mis	3,510
	Aux Vases, Mis	3,190		20	x	x	1	0	0		x	x	S	18	ML		
	Ohara, Mis	3,280		740	x	x	36	0	1		x	x	L	11	MC		
	Spar Mtn, Mis	3,280		200	x	x	10	0	0		x	x	L	4	MC		
	McClosky, Mis	3,300		400	x	x	21	0	0		27	x	L	10	MC		
	2 or more pays						6	0	0								
•Harco†; Saline; 8S; 5E			1954	830	36	1,289	79	3	4	49					x	Mis	3,163
	Hardinsburg, Mis	2,330	1956	10	x	x	1	0	0		x	x	S	6	x		
	Cypress, Mis	2,618	1959	10	x	x	1	0	0		x	x	S	8	x		
	Sample, Mis	2,675		30	x	x	3	0	0		x	x	S	8	x		
	Aux Vases, Mis	2,860		710	x	x	64	3	1		x	x	S	15	x		
	Ohara, Mis	2,965		100	x	x	6	0	0		x	x	L	10	x		
	Spar Mtn, Mis	2,970		140	x	x	7	0	1		x	x	LS	10	x		
	2 or more pays						3	0	0								
•Harco E†; Saline; 8S; 5E			1955	250	3	286	22	0	0	4					x	Mis	3,031
	Cypress, Mis	2,575	1955	60	x	x	6	0	0		x	x	S	20	x		
	Aux Vases, Mis	2,865	1956	170	x	x	12	0	0		x	x	S	8	x		
	Ohara, Mis	2,880		40	x	x	2	0	0		x	x	L	14	x		
	2 or more pays						1	0	0								
•Harrisburg†; Saline; 8S; 6E			1954	100	3	221	10	0	0	5					x	Mis	2,930
	Waltersburg, Mis	2,020	1955	90	x	x	9	0	0		38	x	S	14	x		
	Tar Springs, Mis	2,115		10	x	x	1	0	0		x	x	S	6	x		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Harrisburg S; Saline; 9S; 6E	Cypress, Mis	2,300	1955	10	0	0	1	0	0	0	x	x	S	x	x	Mis	2,352
					Abd 1956												
Harristown; Macon; 16N; 1E	Silurian	2,050	1954	240	5	160	12	0	0	5	39	x	L	3	MU	Sil	2,117
Hayes; Douglas; 16N; 8E	Trenton	893	1963	100	5	19	5	0	0	5	x	x	L	x		Trn	1,083
•Herald C†; White, Gallatin; 6-8S; 9-10E			1939	5,100	618	13,650	524	2	7	286					A	Mis	3,394
	Pennsylvanian	1,060		10	x	x	1	0	0		29	x	S	10	AL		
	Pennsylvanian	1,500		210	x	x	20	0	1		29	x	S	15	AL		
	Pennsylvanian	1,750		50	x	x	5	0	0		29	x	S	18	AL		
	Degonia, Mis	1,920		30	x	x	3	0	0		36	x	S	12	AL		
	Clore, Mis	1,965		20	x	x	2	0	0		x	x	S	10	AL		
	Palestine, Mis	1,940		10	x	x	2	0	0		x	x	S	20	AL		
	Waltersburg, Mis	2,240		420	x	x	39	0	0		38	x	S	10	A		
	Tar Springs, Mis	2,260		500	x	x	51	2	1		37	0.24	S	13	A		
	Cypress, Mis	2,660		1,550	x	x	156	0	1		36	0.22	S	14	A		
	Bethel, Mis	2,790		220	x	x	19	0	0		36	x	S	11	AL		
	Aux Vases, Mis	2,920		2,150	x	x	224	0	3		36	x	S	6	AL		
	Ohara, Mis	2,965		160	x	x	8	0	0		37	x	L	6	AC		
	Spar Mtn, Mis	3,005		140	x	x	7	0	0		x	x	L	4	AC		
	McClosky, Mis	3,010		420	x	x	22	0	1		38	x	L	10	AC		
	2 or more pays						26	0	0								
Herrin; Williamson; 8S; 2E	Cypress, Mis	2,221	1965	10	1	1	1	1	0	1	x	x	S	9	x	Mis	2,682
Hickory Hill; Marion; 1N; 4E			1964	40	7	9	4	1	1	3						Mis	2,985
	Cypress, Mis	2,478	1964	10	x	x	1	1	1		x	x	S	10			
	Benoist, Mis	2,645	1964	20	x	x	2	1	0		x	x	S	7			
	Spar Mtn, Mis	2,833	1964	10	x	x	1	0	0		x	x	S	6			
Hidalgo; Jasper; 8N; 10E	McClosky, Mis	2,575	1940	60	0.9	10	3	0	0	1	37	0.20	L	4	MC	Dev	4,246
					Abd 1952; rev 1965												
Hidalgo N; Cumberland; 9N; 9E			1946	320	12	60	16	0	2	12					x	Mis	2,807
	Spar Mtn, Mis	2,655	1946	180	x	x	9	0	0		x	x	S	12	x		
	McClosky, Mis	2,676	1959	200	x	x	10	0	2		x	x	OL	9	x		
	2 or more pays						3	0	0								
Hidalgo S; Jasper; 8N; 10E	McClosky, Mis	2,628	1964	20	0	0.3	1	0	0	1	x	x	D	4		Mis	2,715
Highland; Madison; 4N; 5W	Hardin, Dev	1,941	1960	20	0	0	1	0	0	0	x	x	S	7	U	Dev	1,983
					Abd 1962												
Hill; Effingham; 6N; 6E	McClosky, Mis	2,565	1943	80	0	41	2	0	0	0	39	x	L	5	N	Mis	2,710
					Abd 1950												
•Hill E; Effingham; 6N; 6E			1954	440	33	1,166	35	0	16	13					x	Mis	3,251
	Cypress, Mis	2,460	1955	260	x	x	25	0	16		37	x	S	8	x		
	Aux Vases, Mis	2,650	1957	10	x	x	1	0	0		x	x	S	10	x		
	Spar Mtn, Mis	2,660		40	x	x	2	0	0		x	x	L	5	x		
	McClosky, Mis	2,700		160	x	x	8	0	0		40	x	L	7	x		
	2 or more pays						1	0	0								
Hillsboro; Montgomery; 9N; 3W	Lingle, Dev	2,012	1962	40	0	0.2	2	0	1	1	x	x	L	4	x	Dev	2,153

Hoffman; Clinton; 1N; 2W			1939	260	5	775	48	0	0	25					A	Dev	2,914
	Cypress, Mis	1,190		120	x	x	13	0	0		x	x	S	11	A		
	Benoist, Mis	1,320		180	x	x	36	0	0		33	0.21	S	7	A		
	2 or more pays						1	0	0								
Hoodville E: Hamilton; 5S; 7E	McClosky, Mis	3,365	1944	20	0	1	1	0	0	0	x	x	L	3	N	Mis	3,411
					Abd 1944												
·Hord; Clay; 5N; 6E			1950	330	6	548	19	0	1	1					M	Mis	2,954
	Aux Vases, Mis	2,702	1959	60	x	x	6	0	0		37	x	S	10	M		
	Ste. Gen, Mis	2,800	1950	270	x	x	13	0	1		37	x	L	5	M		
Hord N; Effingham; 6N; 6E			1958	50	10	99	6	0	0	4					x	Mis	2,860
	Cypress, Mis	2,430	1958	30	x	x	3	0	0		33	x	S	x	x		
	Aux Vases, Mis	2,633	1959	30	x	x	3	0	0		x	x	S	10	x		
·Hord S C; Clay; 5N; 6E			1942	560	55	1,617	26	0	0	18					N	Mis	2,975
					Abd 1945; rev 1951												
	Aux Vases, Mis	2,735		20	x	x	2	0	0		x	x	S	8	N		
	Ste. Gen, Mis	2,790		540	x	x	24	0	0		37	x	L	7	NC		
Hornsby S; Macoupin; 8N; 6W	Pennsylvanian	640	1956	40	0	x	4	0	0	0	x	x	S	1	x	Pen	715
					Abd 1957; rev 1959; abd 1960												
Hoyleton W; Washington; 1S; 2W	Clear Creek, Dev	2,895	1955	20	0	4	1	0	0	0	x	x	L	12	x	Sil	2,965
					Abd 1964												
Huey; Clinton; 2N; 2W	Benoist, Mis	1,260	1945	100	0	5	7	0	0	1	x	x	S	6	AL	Dev	2,770
Huey S; Clinton; 1-2N; 2-3W			1953	260	9	183	22	3	0	14					x	Sil	2,675
	Cypress, Mis	1,080		150	x	x	16	3	0		x	x	S	5	x		
	Silurian	2,585	1956	120	x	x	6	0	0		x	x	L	10	x		
Hunt City; Jasper; 7N; 10E	Spar Mtn, Mis	2,540	1945	20	0	1	1	0	0	0	x	x	S	10	ML	Mis	2,715
					Abd 1950												
Hunt City E; Jasper; 7N; 14W	Fredonia, Mis	1,845	1952	40	0	4	2	1	0	1	40	x	L	6	x	Mis	2,471
					Abd 1954; rev 1965												
Hutton; Coles; 11N; 10E	Pennsylvanian, Pen	530	1939	20	0	15	2	0	0	0	x	x	S	15	x	Mis	969
					Abd 1946												
·Ina; Jefferson; 4S; 2-3E			1938	460	28	651	28	0	0	19					A	Mis	3,521
					Abd 1946; rev 1954												
	Renault, Mis	2,725		70	x	x	7	0	0		x	x	S	14	AL		
	Aux Vases, Mis	2,682	1958	30	x	x	3	0	0		x	x	S	26	A		
	Spar Mtn, Mis	2,775	1957	60	x	x	3	0	0		x	x	S	10	A		
	McClosky, Mis	2,775		80	x	x	4	0	0		x	x	L	10	A		
	St. Louis, Mis	3,000		160	x	x	8	0	0		36	0.20	L	4	AC		
	Salem, Mis	3,210	1957	80	x	x	4	0	0		x	x	L	9	A		
	2 or more pays						1	0	0								
Ina N; Jefferson; 4S; 3E	McClosky, Mis	2,940	1949	20	0	1	1	0	0	0	x	x	L	4	x	Mis	3,689
					Abd 1950												
Inclose†; Edgar, Clark; 12N; 13-14W	Isabel, Pen	345	1941	100	x	x	12	0	0	6	x	x	S	8	AL	Mis	1,600
·Ingraham; Clay; 4N; 8E			1942	710	1	831	36	2	0	3					M	Mis	3,150
					Abd 1945; rev 1954												
	Aux Vases, Mis	2,915		30	x	x	4	2	0		x	x	S	15	ML		
	Spar Mtn, Mis	3,000		620	x	x	28	0	0		37	0.21	L	7	MC		
	McClosky, Mis	3,075		100	x	x	5	0	0		37	0.21	L	8	MC		
·Inman E C; Gallatin; 7-8S; 10E			1940	4,010	367	20,319	408	8	5	215					A	Dev	5,043
	Pennsylvanian	780		10	x	x	4	0	0		38	x	S	10	AF		
	Pennsylvanian	1,450		40	x	x	1	0	0		x	x	S	4	AF		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure	Deepest test: Zone and depth (ft)
•Inman E C (cont.)	Degonia, Mis	1,690		50	x	x	4	0	0		37	x	S 10 AF	
	Clore, Mis	1,725		60	x	x	6	0	0		37	x	S 8 AF	
	Palestine, Mis	1,840		50	x	x	4	0	0		37	x	S 13 AF	
	Waltersburg, Mis	1,980		820	x	x	78	3	1		38	x	S 18 AF	
	Tar Springs, Mis	2,080		1,580	x	x	156	3	1		36	0.24	S 13 AF	
	Hardinsburg, Mis	2,135		230	x	x	17	0	0		34	x	S 10 AF	
	Cypress, Mis	2,390		1,670	x	x	158	5	1		35	0.23	S 14 AF	
	Aux Vases, Mis	2,715		270	x	x	27	0	2		38	x	S 8 AF	
	Ohara, Mis	2,795		20	x	x	1	0	0		x	x	L 5 AF	
	Spar Mtn, Mis	2,790		20	x	x	1	0	0		x	x	L 7 AF	
	McClosky, Mis	2,800		160	x	x	7	0	0		38	x	L 8 AF	
	St. Louis, Mis	2,960	1957	20	x	x	1	0	0		x	x	L 10 AF	
	2 or more pays						55	3	0					
•Inman W C; Gallatin; 7-8S; 9-10E			1940	3,620	138	6,448	320	5	9	234			T	Mis 3,094
	Pennsylvanian	925		40	x	x	4	0	0		x	x	S 8 NL	
	Pennsylvanian	1,630		30	x	x	3	0	0		x	x	S 5 NL	
	Biehl, Pen	1,750		70	x	x	7	0	0		x	x	S 12 NL	
	Palestine, Mis	1,765		40	x	x	4	0	0		31	x	S 13 NL	
	Waltersburg, Mis	2,080		100	x	x	8	0	0		x	x	S 10 TL	
	Tar Springs, Mis	2,140		910	x	x	86	1	3		37	x	S 8 TL	
	Hardinsburg, Mis	2,300		230	x	x	18	1	0		x	x	S 10 TL	
	Cypress, Mis	2,475		1,570	x	x	156	3	5		37	x	S 10 T	
	Sample, Mis	2,610		10	x	x	1	0	0		x	x	S 30 T	
	Renault, Mis	2,775		30	x	x	3	0	0		x	x	L 7 T	
	Aux Vases, Mis	2,790		710	x	x	66	2	5		x	x	S 15 TL	
	Ohara, Mis	2,815		120	x	x	6	0	0		x	x	L 12 TC	
	Spar Mtn, Mis	2,815		60	x	x	4	0	0		x	x	L 8 TC	
	McClosky, Mis	2,940		280	x	x	14	0	0		36	0.19	L 6 TC	
	2 or more pays						60	2	3					
Iola Cen; Clay; 5N; 5E	Benoist, Mis	2,420	1954	20	0	1	2	1	0	1	x	x	S 5 x	Mis 2,723
					Abd 1957; rev 1965									
•Iola C; Clay, Effingham; 5-6N; 5-6E			1939	3,530	240	12,811	283	5	2	259			A	Dev 4,227
	Tar Springs, Mis	1,890		10	x	x	1	0	0		x	x	S 9 AL	
	Cypress, Mis	2,125		490	x	x	49	0	0		36	x	S 15 A	
	Bethel, Mis	2,255		50	x	x	5	0	0		x	x	S 10 AL	
	Benoist, Mis	2,290		940	x	x	83	3	0		36	0.14	S 12 A	
	Renault, Mis	2,320		10	x	x	1	0	0		x	x	L x AC	
	Aux Vases, Mis	2,325		1,770	x	x	178	2	0		35	0.25	S 10 A	
	Spar Mtn, Mis	2,400		1,230	x	x	62	0	2		37	x	LS 7 A	
	Ohara, Mis	2,410	1963	20	x	x	1	0	0		x	x	L 6 A	
	McClosky, Mis	2,425		940	x	x	47	1	1		38	x	OL 10 A	
	2 or more pays						74	1	1					
Iola S; Clay; 4N; 5E			1947	250	10	287	18	0	6	7			A	Dev 4,325
	Benoist, Mis	2,490		130	x	x	10	0	4		37	x	S 10 AL	
	Spar Mtn, Mis	2,590		120	x	x	6	0	3		x	x	L 6 AC	
	McClosky, Mis	2,650		60	x	x	3	0	0		37	x	L 3 AC	
	2 or more pays						1	0	1					
Iola W; Clay; 5N; 5E	McClosky, Mis	2,495	1945	20	0	0.5	1	0	0	0	x	x	L 11 MC	Mis 2,613
					Abd 1945									
•Irvington; Washington; 1S; 1W			1940	1,270	159	7,764	137	0	2	90			A	Ord 4,440
	Beech Creek, Mis	1,525		10	x	x	1	0	0		x	x	L 3 AC	
	Cypress, Mis	1,380		320	x	x	32	0	0		38	x	S 12 A	

•Irvington (cont.)	Benoist, Mis	1,535		870	x	x	84	0	0		38	0.16	S	12	A		
	Clear Creek, Dev	3,090		420	x	x	17	0	2		39	0.27	L	12	A		
	Trenton, Ord	4,275	1956	120	x	x	6	0	0		39	x	L	90	A		
	2 or more pays						3	0	0								
•Irvington E; Jefferson; 1S; 1E			1951	290	38	732	27	0	0	26					x	Mis	2,222
	Pennsylvanian	1,030		50	x	x	5	0	0		x	x	S	15	x		
	Cypress, Mis	1,750	1955	60	x	x	7	0	0		x	x	S	15	x		
	Benoist, Mis	1,950	1955	200	x	x	18	0	0		x	x	S	x	x		
	2 or more pays						3	0	0								
Irvington N; Washington; 1N, 1S; 1W			1953	260	50	1,061	26	0	0	26					A	Ord	4,334
	Cypress, Mis	1,340		40	x	x	4	0	0		x	x	S	16	AL		
	Benoist, Mis	1,470		220	x	x	22	0	0		x	x	S	6	AL		
Irvington W; Washington; 1S; 1W	Cypress, Mis	1,460	1963	30	2	4	3	0	0	3	x	x	S	20		Mis	1,909
•Iuka; Marion; 2N; 4E			1947	880	27	916	45	0	0	27					M	Mis	2,911
	Aux Vases, Mis	2,528	1960	30	x	x	3	0	0		x	x	S	11	M		
	Ohara, Mis	2,650		120	x	x	6	0	0		x	x	L	5	MC		
	Spar Mtn, Mis	2,660		120	x	x	6	0	0		x	x	L	15	MC		
	McClosky, Mis	2,750		680	x	x	27	0	0		x	x	L	10	MC		
	St. Louis, Mis	2,775		300	x	x	8	0	0		x	x	L	5	MC		
	2 or more pays						15	0	0								
Iuka W; Marion; 2N; 3-4E	McClosky, Mis	2,700	1955	100	3	23	4	0	0	2	x	x	L	5	x	Mis	2,801
Jacksonville Gas†; Morgan; 15N; 9W	Gas, Pen, Mis	330	1910	60	0	2	8	0	0	0	x	x	LS	5	ML	Ord	1,390
					Abd 1939												
•Johnson N; Clark; 9-10N; 14W			1907	3,580	x	x	632	0	4	302					AM	Dev	2,260
					See Clark County Division for Production												
	Kickapoo, Pen	315		210	x	x	34	0	x		x	x	S	x	AM		
	Claypool, Pen	415		1,230	x	x	303	0	x		x	x	S	x	AM		
	Casey, Pen	465		970	x	x	196	0	x		33	x	S	x	AM		
	Upper Partlow, Pen	535		290	x	x	51	0	x		x	x	S	x	AM		
	McClosky, Mis	556		x	x	x	x	0	x		x	x	OL	6	AM		
	Carper, Mis	1,325		110	x	x	11	0	x		x	x	S	x	AM		
•Johnson S; Clark; 9N; 14W			1907	3,090	x	x	655	0	0	233					AM		
					See Clark County Division for Production												
	Claypool, Pen	390		200	x	x	38	0	0		x	x	S	x	AM		
	Casey, Pen	450		300	x	x	60	0	0		30	x	S	x	AM		
	Upper Partlow, Pen	490		1,710	x	x	432	0	0		29	x	S	48	AM		
	Lower Partlow, Pen	600		870	x	x	178	0	0		29	x	S	x	AM		
	Aux Vases, Mis	717	1961	x	x	x	1	0	0		x	x	S	21	A		
•Johnsonville C; Wayne; 1N, 1S; 6-7E			1940	9,240	1,276	43,417	437	0	7	244					A	Trn	6,460
	Bethel, Mis	2,950		30	x	x	3	0	0		x	x	S	12	AL		
	Aux Vases, Mis	3,020		2,630	x	x	138	0	3		39	0.14	S	20	AL		
	Ohara, Mis	3,120		600	x	x	28	0	0		x	x	OL	10	AC		
	Spar Mtn, Mis	3,150		140	x	x	8	0	1		38	x	OL	8	AC		
	McClosky, Mis	3,170		8,460	x	x	320	0	4		38	0.17	OL	15	AC		
	St. Louis, Mis	3,256	1961	x	x	x	7	1	0		x	x	L	14	A		
	Salem, Mis	3,852	1960	40	x	x	2	0	0		x	x	L	x	AC		
	2 or more pays						42	1	0								
Johnsonville N; Wayne; 1N; 6E			1943	140	0.5	88	6	0	1	3					A	Mis	3,335
	Ohara, Mis	3,190		40	x	x	1	0	0		38	0.17	OL	3	AC		
	Spar Mtn, Mis	3,220		60	x	x	5	0	1		x	x	L	8	AC		
	McClosky, Mis	3,250		40	x	x	1	0	0		38	0.17	OL	3	AC		
	2 or more pays						1	0	0								
•Johnsonville S; Wayne; 1S; 6E			1942	450	78	709	34	0	0	12					A	Mis	3,335
	Aux Vases, Mis	3,060		280	x	x	27	0	0		39	x	S	15	A		
	Spar Mtn, Mis	3,160		20	x	x	1	0	0		x	x	L	4	AC		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Cr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•Johnsonville S (cont.)	McClosky, Mis	3,200		160	x	x	6	0	0		38	x	L	5	AC		
•Johnsonville W; Wayne; 1N, 1S; 5-6E			1942	870	211	1,514	60	7	0	39					M	Mis	3,282
	Bethel, Mis	2,925		10	x	x	1	0	0		x	x	S	7	ML		
	Aux Vases, Mis	2,900		280	x	x	30	6	0		x	x	S	6	ML		
	Ohara, Mis	2,930		100	x	x	5	1	0		x	x	L	6	MC		
	Spar Mtn, Mis	3,015		200	x	x	10	1	0		x	x	L	4	MC		
	McClosky, Mis	3,100		330	x	x	16	1	0		x	x	L	7	MC		
	2 or more pays						1	1	0								
Johnston City E; Williamson; 8S; 3E			1959	130	20	248	12	0	0	12					x	Mis	2,968
	Cypress, Mis	2,290	1959	90	x	x	9	0	0		x	x	S	20	x		
	Aux Vases, Mis	2,620	1962	60	x	x	6	0	0		x	x	S	10	x		
	Spar Mtn, Mis	2,660	1963	20	x	x	1	0	0		x	x	L	7	x		
	McClosky, Mis	2,680	1963	20	x	x	1	0	0		x	x	OL	12	x		
	2 or more pays				x	x	3	0	0								
•Junction; Gallatin; 9S; 9E			1939	290	13	634	29	0	0	17					M	Mis	2,818
	Pennsylvanian	1,150		30	x	x	3	0	0		x	x	S	7	ML		
	Waltersburg, Mis	1,750		230	x	x	23	0	0		35	x	S	14	ML		
	Hardinsburg, Mis	2,120		10	x	x	1	0	0		x	x	S	5	ML		
	Cypress, Mis	2,275		20	x	x	2	0	0		x	x	S	12	ML		
	McClosky, Mis	2,730	1955	20	x	x	1	0	0		x	x	L	9	MC		
	2 or more pays						1	0	0								
Junction E; Gallatin; 8-9S; 9E	Waltersburg, Mis	2,000	1953	20	1	47	2	0	0	2	37	x	S	14	x	Mis	2,970
Junction N; Gallatin; 8-9S; 9E			1946	210	10	180	19	0	0	10					M	Mis	2,983
	Pennsylvanian	1,565		100	x	x	10	0	0		x	x	S	16	ML		
	Cypress, Mis	2,450		30	x	x	3	0	0		x	x	S	10	ML		
	Aux Vases, Mis	2,725		30	x	x	3	0	0		x	x	S	4	ML		
	Spar Mtn, Mis	2,860	1955	60	x	x	3	0	0		x	x	L	6	MC		
Junction City C; Marion; 2N; 1E			1910	160	0.8	x	16	0	0	2	x	x	S	8	NL	Dev	3,346
	Dykstra(Cuba), Pen	510	1910	110	x	x	11	0	0		x	x	S	x	NL		
	Wilson, Pen	680	1952	50	x	x	5	0	0		x	x	S	8	NL		
Keensburg E; Wabash; 2S; 13W			1939	120	0	9	3	0	0	0					M	Mis	2,802
					Abd 1947												
	Ohara, Mis	2,705		40	0	x	1	0	0		x	x	L	10	MC		
	McClosky, Mis	2,710		80	0	x	2	0	0		38	0.26	L	6	MC		
•Keensburg S; Wabash; 2-3S; 13W			1944	250	10	591	20	0	3	11					A	Mis	2,879
	Pennsylvanian	1,145		80	x	x	8	0	0		x	x	S	15	AL		
	Cypress, Mis	2,385		130	x	x	11	0	3		38	x	S	9	AL		
	Ohara, Mis	2,715		40	x	x	1	0	0		x	x	L	10	AC		
•Keenville; Wayne; 1S; 5E			1945	820	18	2,186	58	1	0	24					A	Mis	3,553
	Aux Vases, Mis	2,960		250	x	x	25	0	0		37	x	S	20	AL		
	Ohara, Mis	3,050		100	x	x	5	1	0		x	x	L	8	AC		
	Spar Mtn, Mis	3,060		20	x	x	1	0	0		x	x	L	10	AC		
	McClosky, Mis	3,100		480	x	x	29	0	0		36	x	L	7	AC		
	2 or more pays						2	0	0								
Keenville E; Wayne; 1S; 5E	McClosky, Mis	3,140	1951	80	3	78	4	1	0	3	x	x	L	10	x	Mis	3,240

Kell; Jefferson; 1S; 3E	McClosky, Mis	2,625	1942	120	0	14	5	0	0	0	39	0.26	L	6	A	Mis	2,720
					Abd 1946; rev 1958; abd 1962												
Kell W; Marion; 1N; 2E	McClosky, Mis	2,354	1962	20	0	1	1	0	0	0	x	x	OL	6	x	Mis	2,475
					Abd 1964												
Kellerville; Adams, Brown; 1-2S; 5W	Silurian	637	1959	900	8	184	46	0	2	33	35	x	D	7	AC	St.P	1,075
•Kenner; Clay; 3N; 5-6E			1942	1,150	56	2,150	103	0	0	60					A	Dev	4,624
	Tar Springs, Mis	2,200		10	x	x	1	0	0		x	x	S	7	AL		
	Benoist, Mis	2,690		720	x	x	55	0	0		38	0.22	S	10	A		
	Renault, Mis	2,761	1958	150	x	x	15	0	0		x	x	S	9	A		
	Aux Vases, Mis	2,835		480	x	x	47	0	0		x	x	S	9	AL		
	Spar Mtn, Mis	2,875		60	x	x	3	0	0		x	x	LS	5	AC		
	McClosky, Mis	2,930		60	x	x	4	0	0		x	x	L	7	AC		
	St. Louis, Mis	2,978	1964	20	x	x	1	0	0		x	x	L	4	x		
	Carper, Mis	4,221	1959	10	x	x	1	0	0		x	x	S	10	A		
	Devonian	4,424	1959	40	x	x	1	0	0		x	x	L	55	A		
	2 or more pays						11	0	0								
•Kenner N; Clay; 3N; 6E			1947	340	3	880	36	0	0	2					A	Mis	3,076
	Benoist, Mis	2,755		320	x	x	31	0	0		36	x	S	8	A		
	McClosky, Mis	2,970		120	x	x	5	0	0		36	x	L	6	AC		
Kenner S; Clay; 2N; 5E	McClosky, Mis	2,870	1950	20	0	3	1	0	0	0	37	x	L	10	AC	Mis	3,000
					Abd 1952												
•Kenner W; Clay; 3N; 5E			1947	360	19	2,037	35	0	0	16					A	Dev	4,800
	Cypress, Mis	2,600		300	x	x	27	0	0		36	x	S	26	A		
	Benoist, Mis	2,705		210	x	x	16	0	0		38	x	S	9	A		
	Renault, Mis	2,802	1960	20	x	x	1	0	0		x	x	S	10	A		
	Aux Vases, Mis	2,837	1960	80	x	x	8	0	0		x	x	S	24	A		
	McClosky, Mis	2,870		40	x	x	2	0	0		38	x	L	4	A		
	2 or more pays						18	0	0								
Keyesport; Clinton; 3N; 2W	Benoist, Mis	1,180	1949	170	5	160	20	0	0	15	x	x	S	8	AL	Mis	1,358
Kincaid C; Christian; 13-14N; 3W			1955	1,670	83	4,556	148	0	0	143					MU	Sil	1,971
	Hibbard, Dev	1,800	1955	1,660	x	x	147	0	0		x	x	DS	19	MU		
	Silurian	1,874	1959	10	x	x	1	0	0		x	x	D	7	x		
•King; Jefferson; 3-4S; 3E			1942	1,260	137	3,326	112	1	1	65					A	Dev	4,775
	Renault, Mis	2,718	1959	10	x	x	1	0	0		x	x	S	x	A		
	Aux Vases, Mis	2,725	1942	1,150	x	x	104	1	1		39	0.17	S	15	AL		
	Ohara, Mis	2,765		220	x	x	11	0	0		x	x	L	10	AC		
	Spar Mtn, Mis	2,815		140	x	x	7	0	0		40	0.16	LS	10	AC		
	McClosky, Mis	2,840		120	x	x	4	0	0		x	x	L	5	AC		
	2 or more pays						13	0	0								
Kinmundy; Marion; 4N; 2-3E			1950	80	6	57	7	0	0	4					A	Dev	3,650
					Abd 1960; rev 1962												
	Benoist, Mis	1,915		20	x	x	2	0	0		34	x	S	3	A		
	Salem, Mis	2,430		20	x	x	1	0	0		x	x	L	7	A		
	Carper, Mis	3,384	1962	40	x	x	4	0	0	4	x	x	S	17	x		
Kinmundy N; Marion; 4N; 3E	Benoist, Mis	2,040	1953	10	0	0.5	1	0	0	0	x	x	S	6	x	Mis	2,301
					Abd 1954												
LaClede; Fayette; 5N; 4E	Benoist, Mis	2,335	1943	40	0.7	26	5	0	0	2	36	0.18	S	15	A	Mis	2,608
Lakewood; Shelby; 10N; 2-3E			1941	130	2	268	12	0	0	3					A	Sil	3,127
	Benoist, Mis	1,690		80	x	x	7	0	0		38	x	S	7	AL		
	Aux Vases, Mis	1,720		50	x	x	5	0	0		32	0.23	S	8	AL		
•Lancaster; Wabash, Lawrence; 1-2N; 13W			1940	1,510	258	3,465	113	3	21	41					A	Dev	4,555
	Tar Springs, Mis	2,050	1959	10	x	x	1	0	0		x	x	S	3	A		
	Bethel, Mis	2,540		940	x	x	77	2	21		39	x	S	14	AL		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•Lancaster (cont.)	Ohara, Mis	2,670		40	x	x	2	0	0		x	x	L	10	AC		
	Spar Mtn, Mis	2,649	1964	20	x	x	1	0	0		x	x	L	6	x		
	McClosky, Mis	2,690		540	x	x	33	1	0		40	0.28	L	7	AC		
	2 or more pays						1	0	0								
Lancaster Cen; Wabash; 1N; 13W			1946	300	0.5	376	14	0	0	2					M	Mis	2,888
	Ohara, Mis	2,750		100	x	x	4	0	0		x	x	L	7	MC		
	Spar Mtn, Mis	2,810		260	x	x	10	0	0		x	x	L	7	MC		
	McClosky, Mis	2,815		40	x	x	2	0	0		x	x	L	8	MC		
	2 or more pays						4	0	0								
Lancaster E; Wabash; 2N; 13W			1944	60	1	55	5	0	0	4					M	Mis	2,750
	Biehl, Pen	1,745		40	1	35	4	0	0		x	x	S	10	ML		
	Spar Mtn, Mis	2,660		20	0	20	1	0	0		x	x	L	6	MC		
•Lancaster S; Wabash; 1N; 13W			1946	170	17	366	19	0	1	16					M	Mis	2,817
	Bethel, Mis	2,520		130	17	350	17	2	1		32	x	S	6	ML		
	Ohara, Mis	2,670		20	0	0.5	1	0	0		x	x	L	6	MC		
	McClosky, Mis	2,720		20	0	16	1	0	0		x	x	L	12	MC		
Langewisch-Kuester; Marion; 1N; 1E			1910	150	0	x	15	0	1	x					N	Dev	3,509
	Unnamed, Pen	795	1951	20	x	x	2	0	0		x	x	S	x	N		
	Cypress, Mis	1,600	1910	130	x	x	13	0	1		x	x	S	x	N		
•Lawrence; Lawrence, Crawford; 2-5N; 11-13W			1906	43,410	x	x	6,539	85	78	2,893					A	St.P	5,190
	See Lawrence County Division for Production																
	Trivoli, Pen	290		x	x	x	11	0	x		x	x	S	x	A		
	Cuba, Pen	450		x	x	x	2	0	x		x	x	S	x	A		
	Bridgeport, Pen	800		x	x	x	1,296	4	x		33	x	S	40	A		
	Pennsylvanian	950		x	x	x	23	0	x		x	x	S	15	A		
	Buchanan, Pen	1,250		x	x	x	529	3	x		33	x	S	15	A		
	Tar Springs, Mis	1,410		x	x	x	2	0	x		x	x	S	10	A		
	Hardinsburg, Mis	1,570		x	x	x	4	2	x		33	x	S	10	A		
	Jackson ("Gas"), Mis	1,370		x	x	x	294	6	x		33	x	S	15	A		
	Cyp (Kirkwood), Mis	1,400		x	x	x	4,318	64	x		33	x	S	30	A		
	Sample, Mis	1,600		x	x	x	139	24	x		x	x	S	8	A		
	Beth (Tracey), Mis	1,650		x	x	x	958	8	x		38	x	S	20	A		
	Benoist, Mis	1,695		x	x	x	60	18	x		x	x	S	7	A		
	Aux Vases, Mis	1,775		x	x	x	41	2	x		x	x	S	8	A		
	Ohara, Mis	1,750		x	x	x	12	0	x		x	x	L	8	A		
	Spar Mtn, Mis	1,860		x	x	x	50	3	x		33	x	LS	4	A		
	McClosky, Mis	1,860		x	x	x	1,101	8	x		33	x	L	10	A		
	St. Louis, Mis	1,660		x	x	x	6	1	x		x	x	L	10	A		
	Salem, Mis	1,955		x	x	x	1	0	x		x	x	L	2	A		
	2 or more pays						301	46	x								
Lawrence County Division; Lawrence, Crawford				44,150	6,720	322,574	6,626	85	79	2,937						St.P	5,190
	Totals for Lawrence and St. Francisville pools																
•Lawrence W; Lawrence; 3N; 13W			1952	490	2	443	46	0	0	41					x	Mis	2,324
	Paint Creek, Mis	1,978	1962	80	x	x	8	0	0		x	x	S	13	x		
	Bethel, Mis	2,050		370	x	x	32	0	0		x	x	S	15	x		
	Aux Vases, Mis	2,110		10	x	x	1	0	0		x	x	S	8	x		

•Lawrence W (cont.)	Spar Mtn, Mis	2,193	1963	20	x	x	1	0	0		x	x	L	2	x			
	McClosky, Mis	2,225		40	x	x	2	0	0		x	x	L	11	x			
	2 or more pays						2	0	0									
Lexington; Wabash; 1S; 14W			1947	200	2	400	11	0	1	2					A	Mis	3,031
	Cypress, Mis	2,585		10	0	14	1	0	0		x	x	S	10	AL			
	McClosky, Mis	2,970		200	2	386	10	0	1		x	x	L	8	AC			
Lexington N; Wabash; 1S; 14W	Ste. Gen, Mis	2,915	1951	40	0	6	2	0	0		x	x	L	4	MC	Mis	3,045
					Abd 1958													
•Lillyville; Cumberland, Effingham; 8-9N; 6-7E	McClosky, Mis	2,425	1946	160	7	427	8	0	0	7	36	x	L	10	A	Dev	4,000
Lis; Jasper; 7N; 9E	Spar Mtn, Mis	3,022	1964	10	0.2	0.5	1	0	0	1	x	x	S	5	x	Mis	3,050
Litchfield; Montgomery; 8-9N; 5W	Unnamed, Pen	660	1889	100	x	x	18	0	0	0	23	0.24	S	x	D	St.P	3,000
					Abd 1904; rev 1942													
•Livingston; Madison; 6N; 6W	Pennsylvanian	535	1948	450	14	656	58	0	0	38	36	x	S	15	ML	Ord	2,378
•Livingston S†; Madison; 5-6N; 6W	Pennsylvanian	530	1950	540	19	298	62	0	0	45	35	x	S	7	ML	Mis	845
Locust Grove; Wayne; 1N; 9E			1951	170	5	207	12	0	2	4					x	Mis	3,428
	Aux Vases, Mis	3,215		80	x	x	7	0	1		x	x	S	10	x			
	Ohara, Mis	3,240		40	x	x	4	0	1		x	x	L	4	x			
	McClosky, Mis	3,280		20	x	x	1	0	0		x	x	L	6	x			
	2 or more pays						1	0	0									
Locust Grove S; Wayne; 1S; 9E			1953	160	0.9	107	8	0	0	1					x	Mis	3,410
	Ohara, Mis	3,248	1958	40	x	x	2	0	0		x	x	L	6	x			
	Spar Mtn, Mis	3,300	1953	60	x	x	3	0	0		x	x	L	10	x			
	McClosky, Mis	3,286	1958	80	x	x	4	0	0		x	x	L	4	x			
	2 or more pays		1958				1	0	0									
Long Branch; Saline, Hamilton; 7S; 6E			1950	120	10	301	12	0	0	6					A	Mis	3,389
	Palestine, Mis	2,070		20	x	x	2	0	0		x	x	S	8	AL			
	Cypress, Mis	2,745		30	x	x	3	0	0		x	x	S	13	AL			
	Aux Vases, Mis	3,095		60	x	x	6	0	0		x	x	S	9	AL			
	McClosky, Mis	3,220		40	x	x	2	0	0		x	x	L	5	AC			
	2 or more pays						1	0	0									
Long Branch S; Saline; 8S; 6E	Cypress, Mis	2,660	1955	10	0	9	1	0	0	1	x	x	S	8	x	Mis	3,210
•Louden†; Fayette, Effingham; 6-9N; 2-4E			1937	24,640	10,322	314,074	2,290	7	4	1,486					A	Pc	8,616
	Cypress, Mis	1,500		23,780	x	x	1,546	7	4		36	0.25	S	30	A			
	Bethel, Mis	1,540		4,370	x	x	336	1	0		38	0.24	S	15	A			
	Benoist, Mis	1,550		9,330	x	x	703	2	0		39	0.20	S	10	A			
	Aux Vases, Mis	1,600		130	x	x	9	0	0		37	0.17	S	6	AL			
	McClosky, Mis	1,785	1955	20	x	x	1	0	0		x	x	L	4	AC			
	Carper, Mis	2,830		30	x	x	2	0	0		x	x	S	9	AL			
	Geneva, Dev	3,000		2,820	x	x	86	0	0		29	0.48	D	15	A			
	Trenton, Ord	3,905	1955	40	x	x	2	0	0		x	x	L	12	A			
	2 or more pays						313	0	0									
Louisville N; Clay; 4N; 6E			1953	100	4	48	6	0	0	4					M	Mis	2,977
					Abd 1956; rev 1962													
	Aux Vases, Mis	2,755	1953	20	x	x	2	0	0		x	x	S	10	ML			
	Spar Mtn, Mis	2,812	1961	80	x	x	4	0	0		x	x	L	9	ML			
Louisville S; Clay; 3N; 6E			1960	30	0	0	2	0	0	1					x	Mis	3,048
	Aux Vases, Mis	2,823	1960	10	0	0	1	0	0		x	x	S	6	x			
	Ohara, Mis	2,893	1960	20	0	0	1	0	0		x	x	L	2	x			
Lynchburg; Jefferson; 3S; 4E	McClosky, Mis	3,045	1951	60	5	283	3	0	0	2	x	x	L	8	AC	Mis	3,579

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•McKinley; Washington; 3S; 4W			1940	290	7	738	30	0	0	16					D	Ord	3,983
	Benoist, Mis	1,050		150	x	x	17	0	0		44	0.18	S	5	D		
	Silurian	2,240		200	x	x	12	0	0		43	x	L	40	R		
Macedonia; Franklin; 5S; 4E	Harrodsburg, Mis	4,097	1961	20	0.6 Abd 1965	6	1	0	1	0	x	x	L	12	x	Dev	5,249
•Main C†; Crawford, Lawrence, Jasper; 5-8N; 10-14W			1906	86,420	3,449	204,979	11,139	35	160	4,193					ML	St.P	4,654
	Cuba, Pen	510		x	x	x	74	0	x		32	x	S	x	ML		
	Unnamed, Pen	750		x	x	x	4	0	x		x	x	S	5	ML		
	Robinson, Pen	950		x	x	x	9,719	33	x		35	x	S	25	ML		
	Pennsylvanian	1,250		x	x	x	28	0	x		x	x	S	x	ML		
	Cypress, Mis	1,480		x	x	x	42	1	x		x	x	S	15	ML		
	Paint Creek, Mis	1,280		x	x	x	x	0	x		x	x	S	30	ML		
	Bethel, Mis	1,400		x	x	x	104	1	x		x	x	S	18	ML		
	Aux Vases, Mis	1,430		x	x	x	89	0	x		x	x	S	15	ML		
	Spar Mtn, Mis	1,515		x	x	x	1	0	x		x	x	S	6	MC		
	McCl(Oblong), Mis	1,400		x	x	x	116	1	x		x	x	L	x	MC		
	Salem, Mis	1,815		x	x	x	14	0	x		x	x	L	5	MC		
	Devonian	2,795	1941	x	x	x	3	0	x		x	x	L	11	MC		
	2 or more pays						13	1	x								
•Maple Grove C; Edwards, Wayne; 1-2N; 9-10E			1943	2,270	63	4,328	105	0	1	34					A	Mis	3,385
	Aux Vases, Mis	3,145		310	x	x	25	0	0		37	x	S	15	A		
	Ohara, Mis	3,230		80	x	x	4	0	1		x	x	L	3	AC		
	Spar Mtn, Mis	3,250		20	x	x	1	0	0		x	x	L	1	AC		
	McClosky, Mis	3,260		2,040	x	x	81	0	1		37	x	L	6	A		
	2 or more pays						5	0	1								
Maple Grove S; Edwards; 1N; 10E	McClosky, Mis	3,250	1945	20	0 Abd 1950	9	1	0	0	0	x	x	L	10	MC	Mis	3,358
Marcoe; Jefferson; 3S; 2E	McClosky, Mis	2,745	1938	40	0 Abd 1941	13	2	0	0	0	23	0.54	L	15	MC	Mis	3,066
Marine; Madison; 4N; 6W	Dev-Sil	1,700	1943	3,100	118	11,323	146	0	0	133	34	0.28	L	20	R	Ord	2,619
Marine W; Madison; 5N; 7W	Devonian	1,653	1965	20	6	6	1	1	0	1	36	x	L	3	x	Ord	2,355
Marion; Williamson; 9S; 3E	Aux Vases, Mis	2,385	1950	10	0 Abd 1951	0.5	1	0	0	0	40	x	S	5	x	Mis	2,560
Marion E; Williamson; 9S; 3E	Bethel, Mis	2,295	1959	20	0 Abd 1963	1	2	0	0	1	x	x	S	8	x	Mis	2,642
Marissa W†; St. Clair; 3-4S; 7W	Cypress, Mis	215	1962	30	0	0	3	1	0	3	x	x	S	34	x	Mis	308
•Markham City; Jefferson; 2-3S; 4E	Ste. Gen, Mis	3,070	1942	760	14	1,429	19	0	0	4	38	0.08	L	10	A	Mis	3,215
•Markham City N; Jefferson, Wayne; 2S; 4-5E			1943	560	38	1,255	22	1	0	13					A	Mis	3,169
	Aux Vases, Mis	2,950		120	x	x	8	1	0		x	x	S	6	AL		
	McClosky, Mis	3,075		540	x	x	16	1	0		38	0.24	L	8	AC		
	2 or more pays						2	1	0								
•Markham City W; Jefferson; 2-3S; 4E			1945	680	21	2,244	39	0	0	10					A	Mis	3,182
	Aux Vases, Mis	2,905		320	x	x	19	0	0		38	x	S	15	AL		

•Markham City W (cont.)	McClosky, Mis	3,035		420	x	x	23	0	0		38	x	L	7	AC			
	2 or more pays						3	0	0									
•Martinsville; Clark; 9-10N; 13-14W			1907	1,960	x	x	347	5	0	186					D	St.P	3,411	
	See Clark County Division for Production																	
	Shallow, Pen	255		60	x	x	10	0	0		x	x	S	x	D			
	Casey, Pen	500		500	x	x	93	0	0		x	x	S	x	D			
	Martinsville, Mis	480		800	x	x	27	3	0		x	x	L	x	D			
	Carper, Mis	1,340		1,200	x	x	84	2	0		34	x	S	40	D			
	Devonian	1,550		700	x	x	44	0	0		x	x	L	x	D			
	Trenton, Ord	2,700		20	x	x	2	0	0		40	x	L	x	D			
•Mason N; Effingham; 6N; 5E			1951	180	12	343	13	0	0	8					A	Mis	2,553	
	Benoist, Mis	2,290		100	x	x	8	0	0		38	x	S	13	AL			
	Aux Vases, Mis	2,355		10	x	x	1	0	0		x	x	S	5	AL			
	Spar Mtn, Mis	2,390		100	x	x	4	0	0		x	x	L	18	AC			
	McClosky, Mis	2,475		40	x	x	2	0	0		x	x	L	5	AC			
	2 or more pays						1	0	0									
Massilon; Wayne, Edwards; 1S; 9-10E	Ohara, Mis	3,255	1946	120	0	91	3	0	0	0	37	x	L	6	MC	Mis	3,472	
	Abd 1953																	
Massilon S; Edwards; 1S; 10E	Ohara, Mis	3,315	1947	20	0	0.5	1	0	0	0	x	x	L	9	MC	Mis	3,391	
	Abd 1947																	
•Mattoon; Coles; 11-12N; 7-8E			1939	6,010	727	16,461	512	7	11	306					A	St.P	4,915	
	Cypress, Mis	1,750		2,360	x	x	229	5	9		38	0.16	S	13	A			
	Aux Vases, Mis	1,900		240	x	x	22	0	0		38	x	S	15	AL			
	Spar Mtn, Mis	1,950		4,190	x	x	370	4	3		38	0.21	S	12	A			
	McClosky, Mis	2,010		20	x	x	3	0	0		38	x	L	5	AC			
	Carper, Mis	2,950	1955	260	x	x	18	1	2		x	x	S	10	A			
	2 or more pays						128	3	3									
•Mattoon N; Coles; 13N; 7E	Spar Mtn, Mis	1,902	1960	230	16	265	12	0	1	9	40	x	S	12	A	Mis	1,967	
Mattoon S; Cumberland; 11N; 7E	Carper, Mis	3,035	1962	30	0.9	5	3	0	1	1	x	x	S	10	x	Mis	3,337	
Maunie E; White; 6S; 11E			1951	70	2	53	6	0	0	1					AF	Mis	3,088	
	Abd 1952; rev 1955																	
	Tar Springs, Mis	2,280		10	x	x	1	0	0		x	x	S	8	x			
	Aux Vases, Mis	2,870	1951	60	x	x	5	0	0		x	x	S	20	AF			
•Maunie N C; White; 5-6S; 10-11E, 14W			1941	2,040	88	3,987	176	0	4	119					A	Mis	3,260	
	Pennsylvanian	1,320		10	x	x	1	0	0		x	x	S	20	AL			
	Waltersburg, Mis	2,305		10	x	x	10	0	0		x	x	S	12	AL			
	Tar Springs, Mis	2,350		110	x	x	10	0	0		x	x	S	10	AL			
	Hardinsburg, Mis	2,565		10	x	x	1	0	0		x	x	S	10	A			
	Sample, Mis	2,830		40	x	x	2	0	0		x	x	S	13	AL			
	Bethel, Mis	2,820		400	x	x	30	0	4		37	x	S	13	AL			
	Renault, Mis	2,935		10	x	x	1	0	0		x	x	L	2	AC			
	Aux Vases, Mis	2,930		960	x	x	88	0	0		35	x	S	13	AL			
	Ohara, Mis	2,995		160	x	x	8	0	0		x	x	L	4	AC			
	Spar Mtn, Mis	3,025		440	x	x	22	0	0		x	x	L	6	AC			
	McClosky, Mis	3,035		60	x	x	23	0	0		35	x	L	10	AC			
	2 or more pays						21	0	0									
•Maunie South C; White; 6S; 10-11E			1941	1,710	103	6,554	162	0	2	68					A	Mis	3,160	
	Bridgeport, Pen	1,400		70	x	x	7	0	1		37	x	S	7	AL			
	Biehl, Pen	1,649	1959	30	x	x	3	0	0		x	x	S	x	AL			
	Degonia, Mis	1,900		110	x	x	11	0	0		x	x	S	10	AL			
	Palestine, Mis	2,010		570	x	x	54	0	0		38	x	S	17	AL			
	Waltersburg, Mis	2,210		20	x	x	2	0	0		x	x	S	19	AL			
	Tar Springs, Mis	2,270		580	x	x	50	0	1		38	x	S	16	AF			
	Cypress, Mis	2,590		290	x	x	27	0	1		39	x	S	10	AL			
	Bethel, Mis	2,735		10	x	x	1	0	0		x	x	S	x	AL			
	Aux Vases, Mis	2,845	1941	140	x	x	12	0	0		x	x	S	12	AL			

TABLE 8 – ILLINOIS OIL POOL STATISTICS, 1965 – Continued

Pool; county; location by township and range (•Secondary recovery – see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure	Deepest test: Zone and depth (ft)
Maunie S C (cont.)	Spar Mtn, Mis	2,900		20	x	x	1	0	0		x	x	L 8 AC	
	McClosky, Mis	2,920		80	x	x	4	0	0		x	x	L 6 AC	
	2 or more pays						16	0	1					
Mayberry; Wayne; 2-3S; 6E	McClosky, Mis	3,350	1941	240	3	347	7	0	0	2	39	0.16	L 8 AC	Dev 5,377
Mayberry N; Wayne; 2S; 6E	McClosky, Mis	3,330	1948	20	0	1	1	0	0	0	x	x	L 2 x	Mis 3,463
					Abd 1950									
•Melrose; Clark; 9N; 13W	Isabel, Pen	840	1953	110	x	x	11	0	0	2	x	x	S 10 x	Pen 878
Melrose S; Clark; 9N; 13W	Isabel, Pen	865	1953	20	0	0	2	0	0	1	x	x	S 7 x	Pen 888
					Abd 1959; rev 1964									
Miletus; Marion; 4N; 4E			1947	220	6	328	16	0	0	6			A	Dev 3,950
	Benoist, Mis	2,140		100	x	x	8	0	0		36	x	S 7 A	
	Aux Vases, Mis	2,200		100	x	x	8	0	0		36	x	S 7 A	
	McClosky, Mis	2,350		60	x	x	3	0	0		36	x	L 5 A	
	2 or more pays						3	0	0					
•Mill Shoals; White, Hamilton, Wayne; 2-4S; 7-8E			1939	2,970	265	9,785	244	1	0	138			A	Mis 5,455
	Aux Vases, Mis	3,245		2,590	x	x	195	1	6		40	0.14	S 11 A	
	Ohara, Mis	3,320		180	x	x	9	0	1		x	x	OL 11 AC	
	Spar Mtn, Mis	3,345		260	x	x	13	0	0		x	x	LS 8 AC	
	McClosky, Mis	3,375		740	x	x	38	0	0		38	x	OL 5 AC	
	St. Louis, Mis	3,546	1960	20	x	x	1	0	0		x	x	L 10 AC	
	Salem, Mis	3,970	1961	40	x	x	2	0	0		x	x	L 4 A	
	Harrodsburg, Mis	4,110	1959	20	x	x	1	0	0		x	x	L 10 A	
	2 or more pays						16	0	0					
Mills Prairie; Edwards; 1N; 14W	Ohara, Mis	2,925	1948	20	0	2	1	0	0	0	x	x	L 5 MC	Mis 3,010
					Abd 1952									
Mills Prairie N; Edwards; 1N; 14W	Ohara, Mis	2,925	1953	40	0	5	2	0	0	0	x	x	L 5 MC	Mis 3,003
					Abd 1956									
Mitchellsville; Saline; 10S; 6E			1955	20	0.9	18	2	0	0	1			x	Mis 2,452
	Degonia, Mis	1,330	1955	10	0	x	1	0	0		x	x	S 6 x	
	Waltersburg, Mis	1,505		10	0.9	18	1	0	0		x	x	S 9 x	
•Mode; Shelby; 10N; 4E			1961	180	26	216	18	0	0	13				Dev 3,265
	Bethel, Mis	1,682	1961	80	x	x	8	0	0		x	x	S 12 x	
	Benoist, Mis	1,742	1961	150	x	x	13	0	0		x	x	S 8 x	
	Aux Vases, Mis	1,772	1961	20	x	x	2	0	0		x	x	S 8 x	
	2 or more pays		1961				7	0	0					
•Mt. Auburn C; Christian; 15N; 1-2W	Silurian	1,890	1943	8,060	255	5,604	405	14	20	239	37	0.28	L 15 MU	Trn 2,577
•Mt. Carmel‡; Wabash; 1N, 1S; 12W			1940	4,880	499	14,110	487	18	4	240			A	Dev 4,237
	Bridgeport, Pen	1,370		60	x	x	5	0	0		34	x	S 20 AL	
	Biehl, Pen	1,470		760	x	x	54	6	0		37	0.28	S 20 AL	
	Jordan, Pen	1,520		50	x	x	5	0	0		x	x	S 15 AL	
	Palestine, Mis	1,580		50	x	x	4	0	0		x	x	S 10 AL	
	Waltersburg, Mis	1,690		20	x	x	2	1	0		36	x	S 10 AL	
	Tar Springs, Mis	1,790		350	x	x	30	3	1		36	x	S 13 AL	
	Jackson, Mis	2,020		10	x	x	1	0	0		x	x	S 25 AL	

	Cypress, Mis	2,025		3,620	x	x	314	6	5		36	0.17	S	15	AL		
	Sample, Mis	2,095		40	x	x	3	0	0		x	x	S	7	AL		
	Bethel, Mis	3,110		70	x	x	7	1	0		36	x	S	16	AL		
	Ohara, Mis	2,320		300	x	x	16	1	0		36	x	OL	5	AC		
	Spar Mtn, Mis	2,350		260	x	x	14	2	0		37	0.26	S	5	AL		
	McClosky, Mis	2,360		1,340	x	x	65	2	0		37	0.42	OL	6	AC		
	2 or more pays						52	3	1								
Mt. Erie N; Wayne; 1N; 9E			1944	200	0	385	13	0	0	1					M	Mis	3,366
	Aux Vases, Mis	3,110		60	x	x	5	0	0		x	x	S	8	ML		
	Ohara, Mis	3,170		40	x	x	2	0	0		x	x	L	6	MC		
	McClosky, Mis	3,240		100	x	x	5	0	0		37	x	L	5	MC		
Mt. Olive†; Montgomery; 8N; 5W	Pottsville, Pen	605	1942	60	0	x	6	0	0	0	33	0.16	S	6	A	Sil	1,878
Mt. Vernon; Jefferson; 3S; 3E			1943	290	8	408	13	0	0	5					A	Mis	3,009
	Aux Vases, Mis	2,665		50	x	x	5	0	0		x	x	S	8	A		
	Ohara, Mis	2,750		40	x	x	2	0	0		x	x	L	6	AC		
	McClosky, Mis	2,800		240	x	x	8	0	0		39	0.18	L	7	AC		
	2 or more pays						2	0	0								
Mt. Vernon N; Jefferson; 2S; 3E	McClosky, Mis	2,675	1956	40	3	54	2	0	0	2	x	x	L	6	x	Mis	2,751
Murdock; Douglas; 16N; 10E	Pennsylvanian	370	1955	10	0	x	3	0	0	2	36	x	S	16	x	Pen	424
					Abd 1957; rev 1961												
Nason; Jefferson; 3-4S; 2E			1943	60	1	46	2	0	0	2					ML	Mis	3,925
	Ohara, Mis	2,758	1962	20	x	x	1	0	0		x	x	L	4	x		
	Spar Mtn, Mis	2,790	1943	40	x	x	1	0	0		x	x	S	12	ML	Mis	3,925
New Baden E; Clinton; 1N; 5W	Silurian	1,935	1958	340	8	127	17	2	2	12	x	x	L	15	R	Sil	2,200
New Bellair; Crawford; 8N; 13W			1942	70	0	10	8	0	0	5					M	Dev	2,801
					Abd 1948; rev 1952; abd 1954; rev 1956												
	Isabel, Pen	650		20	0	x	2	0	0		x	x	S	3	ML		
	Pennsylvanian	1,165		20	0	10	3	0	0		29	0.30	S	10	ML		
	Aux Vases, Mis	1,280		40	0	x	3	0	0		x	x	S	20	M		
New City; Sangamon; 14N; 4W	Silurian	1,730	1954	420	19	137	23	0	4	9	39	x	L	11	MU	Sil	1,855
New City S; Christian; 14N; 4W	Silurian	2,008	1963	40	4	55	2	0	0	2	x	x	x	17	x	Sil	1,918
New Douglas S; Bond; 6N; 5W	Pennsylvanian	640	1957	20	0	3	2	0	0	0	x	x	S	7	x	Pen	705
					Abd 1960												
•New Harmony C‡; White, Wabash, Edwards; 1N, 1-5S; 13-14W			1939	26,530	3,798	128,563	2,439	16	45	1,256					A	Shak	7,682
	Jamestown, Pen	720		x	x	x	3	0	0		32	x	S	13	AL		
	Mansfield, Pen	x		x	x	x	x	0	0		x	x	S	x	AL		
	Bridgeport, Pen	1,340		x	x	x	8	1	0		x	x	S	7	AL		
	Biehl, Pen	1,850		x	x	x	111	6	2		37	x	S	20	AL		
	Jordan, Pen	1,760		x	x	x	x	0	0		x	x	S	x	AL		
	Degonia, Mis	1,925		x	x	x	10	0	0		38	x	S	10	AL		
	Clore, Mis	1,980		x	x	x	8	1	0		x	x	S	10	AL		
	Palestine, Mis	2,000		250	x	x	22	0	0		x	x	S	10	AL		
	Waltersburg, Mis	2,155		1,040	x	x	111	0	2		34	0.40	S	20	AL		
	Tar Springs, Mis	2,215		1,660	x	x	193	1	2		35	0.19	S	26	ALf		
	Hardinsburg, Mis	2,290	1958	10	x	x	1	0	0		x	x	L	10	ALf		
	Cypress, Mis	2,570		8,790	x	x	1,029	10	22		35	x	S	20	ALf		
	Sample, Mis	2,660		x	x	x	59	0	0		x	x	S	20	ALf		
	Bethel, Mis	2,700		x	x	x	838	3	10		34	0.24	S	27	ALf		
	Renault, Mis	2,761		10	x	x	1	0	0		x	x	x	8	x		
	Aux Vases, Mis	2,800		5,980	x	x	601	3	13		34	0.19	S	15	ALf		
	Ohara, Mis	2,900		x	x	x	32	0	1		x	x	OL	6	AC		
	Spar Mtn, Mis	2,910		x	x	x	40	0	2		x	x	LS	10	AC		
	McClosky, Mis	2,925		x	x	x	246	0	5		35	0.33	OL	8	AC		
	Salem, Mis	3,364	1959	40	x	x	2	1	0		x	x	L	16	AC		
	Harrodsburg, Mis	3,755		60	x	x	3	0	0		x	x	L	6	AC		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sul-fur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•New Harmony C (cont.)	2 or more pays						410	8	8								
New Harmony S (Ill); White; 5S; 14W			1941	90	3	91	8	0	0	1					A	Mis	3,207
	Waltersburg, Mis	2,250		20	x	x	3	0	0		x	x	S	18	AF		
	Tar Springs, Mis	2,350		10	x	x	1	0	0		x	x	S	16	AF		
	Cypress, Mis	2,670		10	0	0	1	0	0		x	x	S	8	Af		
	Bethel, Mis	2,815		20	0	x	2	0	0		x	x	S	10	Af		
	Aux Vases, Mis	3,005		10	0	2	1	0	0		x	x	S	7	AF		
	McClosky, Mis	3,010		40	x	x	1	0	0		x	x	L	5	AF		
	2 or more pays						1	0	0								
•New Harmony S (Ind)‡; White; 5S; 14W			1946	60	0	446	6	0	0	4					T	Mis	3,068
	Degonia, Mis	1,850		20	0	x	2	0	0		x	x	S	8	TF		
	Palestine, Mis	1,955		30	0	x	1	0	0		x	x	S	10	TF		
	Waltersburg, Mis	2,120		30	0	x	3	0	0		x	x	S	30	TF		
	2 or more pays						2	0	0								
•New Haven C‡; White; 7S; 10-11E			1941	610	55	1,932	50	0	1	39					A	Mis	2,980
	Tar Springs, Mis	2,105		200	x	x	19	0	0		36	0.27	S	12	Af		
	Hardinsburg, Mis	2,245		10	x	x	1	0	0		36	x	S	8	Af		
	Cypress, Mis	2,445		230	x	x	17	0	1		36	x	S	12	Af		
	Aux Vases, Mis	2,720		110	x	x	8	0	0		36	x	S	15	Af		
	Ohara, Mis	2,799	1959	40	x	x	2	0	0		x	x	L	12	A		
	Spar Mtn, Mis	2,828	1960	20	x	x	1	0	0		x	x	L	15	A		
	McClosky, Mis	2,820		120	x	x	5	0	0		36	x	OL	6	AC		
	2 or more pays						6	0	0								
New Hebron E; Crawford; 6N; 12W	Aux Vases, Mis	1,555	1954	40	0	0.5	4	0	0	1	x	x	S	4	x	Mis	1,571
New Memphis; Clinton; 1N, 1S; 5W	Silurian	1,980	1952	760	69	1,960	36	0	0	36	x	x	L	x	R	Trn	2,900
New Memphis E; Washington; 1S; 4W	Devonian	2,170	1957	40	1	10	2	0	0	2	x	x	L	12	x	Ord	3,070
New Memphis N; Clinton; 1N; 5W	Dev-Sil	2,050	1954	80	1	34	4	0	0	4	x	x	L	15	x	Ord	2,915
New Memphis S; Clinton, Washington; 1S; 5W	Silurian	2,000	1952	40	0	1	2	0	0	0	27	x	L	25	x	Ord	2,914
					Abd 1952; rev 1956; abd 1961												
•Newton; Jasper; 6N; 9E	Ste. Gen, Mis	2,950	1944	100	0	91	5	0	0	0	37	x	L	6	MC	Mis	3,040
					Abd 1962												
Newton N; Jasper; 7N; 10E	McClosky, Mis	2,855	1945	40	0	7	6	0	1	1	x	x	L	5	MC	Mis	2,941
					Abd 1948; rev 1960												
Newton W; Jasper; 6-7N; 9E			1947	660	27	228	33	0	1	22						Mis	3,425
					Abd 1953; rev 1961												
	Spar Mtn, Mis	2,912	1962	180	x	x	10	0	0		x	x	L	5	x		
	McClosky, Mis	3,000	1947	580	x	x	28	0	1		x	x	L	7	MC		
	2 or more pays						5	0	0								
Noble W; Clay; 3N; 8E	McClosky, Mis	3,035	1951	20	0	9	1	0	0	0	x	x	L	8	x	Mis	3,622
					Abd 1959												
•Oakdale; Jefferson; 2S; 4E			1956	340	63	615	25	6	0	20					x	Mis	3,767
	Aux Vases, Mis	2,860		290	x	x	22	5	0		x	x	S	35	x		
	McClosky, Mis	2,985	1956	80	x	x	4	1	0		x	x	L	5	x		

	2 or more pays						1	0	0								
•Oakdale N; Jefferson; 2S; 4E	McClosky, Mis	2,932	1960	240	33	410	12	0	1	10	x	x	OL	5	x	Mis	3,077
Oakley; Macon; 16N; 3E	Cedar Valley, Dev	2,285	1954	180	0	23	9	0	0	2	37	x	L	5	x	Dev	2,335
•Oak Point; Clark, Jasper; 8-9N; 14W			1952	740	8	352	55	0	0	34					M	Dev	2,691
	Isabel, Pen	560		10	0	0	1	0	0		x	x	S	10	ML		
	Aux Vases, Mis	1,185	1955	680	x	x	51	0	0		x	x	S	17	x		
	Carper, Mis	2,220		50	x	x	3	0	0		x	x	L	x	ML		
Oak Point W; Clark, Cumberland; 9N; 11E, 14W	Aux Vases, Mis	1,190	1955	100	0.2	14	9	1	0	6	x	x	S	8	x	Mis	1,560
•Odin; Marion; 2N; 1-2E			1945	290	9	1,793	31	0	0	23					A	Dev	3,597
	Cypress, Mis	1,750		290	x	x	29	0	0		38	x	S	13	AL		
	Benoist, Mis	1,912	1963	10	x	x	1	0	0		x	x	S	3	x		
	McClosky, Mis	2,085	1957	40	x	x	2	0	0		x	x	L	12	A		
Okawville; Washington; 1S; 4W	Silurian	2,325	1951	80	1	58	4	0	0	3	x	x	L	3	R	Sil	2,603
Okawville N; Washington; 1S; 4W	Silurian	2,235	1955	100	0.5	28	5	0	0	4	41	x	L	x	x	Sil	2,498
•Old Ripley; Bond; 5N; 4W			1954	800	21	392	72	0	3	58						Dev	2,221
	Pennsylvanian	600	1954	790	x	x	71	0	3		34	x	S	17	A		
	Aux Vases, Mis	941	1964	10	x	x	1	0	0				S	19			
Old Ripley N; Bond; 5N; 4W	Hardin, Dev	1,991	1962	10	0	3	1	0	0	1	x	x	S	1	x	Dev	2,040
•Olney C; Richland, Jasper; 4-5N; 10E			1938	4,840	121	7,393	195	4	0	67					A	Mis	3,850
	Aux Vases, Mis	2,918	1960	50	x	x	5	0	0		x	x	S		A		
	Ohara, Mis	3,005		x	x	x	15	0	0		37	0.19	L	6	A		
	Spar Mtn, Mis	3,050		x	x	x	53	3	0		37	0.19	L	5	A		
	McClosky, Mis	3,100		x	x	x	128	3	0		37	0.19	L	6	A		
	2 or more pays						8	2	0								
•Olney S; Richland; 3N; 10E			1937	1,170	21	930	56	0	2	35					M	Dev	4,910
	Ohara, Mis	3,142	1962	20	x	x	1	0	0		x	x	L	4	x		
	Spar Mtn, Mis	3,100		780	x	x	36	0	0		x	x	L	4	MC		
	McClosky, Mis	3,115		740	x	x	35	0	2		x	x	L	3	MC		
	2 or more pays						18	0	0								
•Omaha†; Gallatin; 7-8S; 8E			1940	1,740	121	4,328	160	0	1	139					D	Mis	3,408
	Jake Creek, Pen	385		210	x	x	15	0	0		x	x	S	20	D		
	Pennsylvanian	580		40	x	x	5	0	0		x	x	S	10	D		
	Biehl, Pen	1,335		70	x	x	5	0	0		x	x	S	10	D		
	Palestine, Mis	1,700		390	x	x	27	0	0		27	0.24	S	15	D		
	Tar Springs, Mis	1,900		110	x	x	9	0	0		x	x	S	15	D		
	Hardinsburg, Mis	2,179	1961	60	x	x	6	0	0		x	x	S	18	D		
	Cypress, Mis	2,402	1959	120	x	x	12	0	0		x	x	S	12	D		
	Paint Creek, Mis	2,450	1961	10	x	x	1	0	0		x	x	S	10	x		
	Bethel, Mis	2,570	1955	30	x	x	3	0	0		x	x	S	14	D		
	Aux Vases, Mis	2,730	1955	680	x	x	67	0	1		x	x	S	20	D		
	Ohara, Mis	2,734	1958	300	x	x	18	0	0		x	x	L	14	D		
	Spar Mtn, Mis	2,722	1958	50	x	x	5	0	0		x	x	S	8	D		
	McClosky, Mis	2,800	1961	120	x	x	6	0	0		x	x	L	x	D		
	2 or more pays						16	0	0								
Omaha E; Gallatin; 8S; 8E			1946	180	1	61	11	0	0	4					M	Mis	3,000
	Cypress, Mis	2,530	1957	30	x	x	3	0	0		x	x	S	6	M		
	Aux Vases, Mis	2,790		10	0	0	1	0	0		x	x	S	x	M		
	Ohara, Mis	2,855		60	x	x	3	0	0		37	x	L	8	MCf		
	Spar Mtn, Mis	2,942	1960	20	x	x	1	0	0		x	x	L	9	MCf		
	McClosky, Mis	2,884	1958	60	x	x	3	0	0		x	x	L	10	MCf		
•Omaha S; Gallatin, Saline; 8S; 7-8E			1951	90	0	24	7	0	0	1					N	Mis	3,035

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
•Omaha S (cont.)	Cypress, Mis	2,535		60	0	18	5	0	0		x	x	S	15	NL		
	Aux Vases, Mis	2,870	1955	10	0	0	1	0	0		x	x	S	11	N		
	Spar Mtn, Mis	2,865		20	0	5	1	0	0		x	x	L	1	NC		
Omaha W; Saline; 7-8S; 7E			1950	80	6	189	7	0	0	5					A	Mis	3,025
	Cypress, Mis	2,600		50	x	x	5	0	0		x	x	S	14	AL		
	Aux Vases, Mis	2,800		20	x	x	2	0	0		x	x	S	30	AL		
	McClosky, Mis	2,910		20	x	x	1	0	0		x	x	L	8	AC		
	2 or more pays						1	0	0								
Omega; Marion; 3N; 4E			1946	90	5	20	5	0	0	2						Mis	2,595
					Abd 1949; rev 1963												
	Benoist, Mis	2,280	1963	10	2	9	1	0	0		x	x	S	3	x		
	McClosky, Mis	2,490	1946	80	3	11	4	0	0		x	x	L	10	D	Mis	2,584
Opdyke; Jefferson; 3S; 4E			1961	40	1	7	2	0	0	1						Mis	3,175
	Ohara, Mis	3,016	1962	20	x	x	1	0	0		x	x	L	8	x		
	McClosky, Mis	3,074	1961	40	x	x	1	0	0		x	x	OL	20	x		
	2 or more pays						1	0	0								
Orchardville; Wayne; 1N; 5E			1950	200	18	217	17	0	0	13					A	Mis	4,000
	Sample, Mis	2,655	1958	10	x	x	1	0	0		x	x	S	x	A		
	Aux Vases, Mis	2,800		120	x	x	13	0	0		x	x	S	16	AL		
	Ohara, Mis	2,880		40	x	x	2	0	0		x	x	L	3	AC		
	McClosky, Mis	2,905		40	x	x	4	0	0		x	x	L	5	AC		
Orchardville N; Wayne; 1N; 5E	Paint Creek, Mis	2,655	1956	10	0	14	1	0	0	0	x	x	S	6	x	Dev	4,684
					Abd 1964												
Orient; Franklin; 7S; 2E	Aux Vases, Mis	2,660	1965	30	12	12	3	3	0	3	x	x	S	24	x	Mis	2,850
•Oskaloosa; Clay; 3-4N; 5E			1950	460	70	2,486	42	0	10	14					A	Dev	4,480
	Benoist, Mis	2,595		400	x	x	40	0	10		38	x	S	15	A		
	Aux Vases, Mis	2,643	1958	10	x	x	11	0	0		x	x	S	x	A		
	McClosky, Mis	2,755	1957	220	x	x	12	0	0		x	x	L	5	A		
	2 or more pays						10	0	0								
Oskaloosa E; Clay; 3N; 5-6E				40	0	35	3	0	0	0					A	Mis	3,050
					Abd 1954												
	Aux Vases, Mis	2,820		20	0	7	2	0	0		x	x	S	5	AL		
	McClosky, Mis	2,895		20	0	28	1	0	0		x	x	L	4	AC		
Oskaloosa S; Clay; 3N; 5E	McClosky, Mis	2,770	1951	80	3	35	4	0	0	2	x	x	L	4	AC	Mis	2,883
Pana; Christian; 11-12N; 1E	Benoist, Mis	1,470	1951	60	4	89	5	0	0	4	37	x	S	8	x	Dev	2,847
Panama†; Bond, Montgomery; 7N; 3-4W			1940	60	0.2	21	6	0	0	2					A	Dev	2,016
	Golconda, Mis	705		40	x	x	4	0	0		31	x	L	12	A		
	Benoist, Mis	865		20	x	x	2	0	0		28	x	S	12	A		
Pankeyville; Saline; 9S; 6E			1956	30	0	6	2	0	0	1					x	Mis	2,742
					Abd 1957; rev 1961												
	Cypress, Mis	2,250	1956	30	0	6	2	0	0		x	x	S	x	x		
	Aux Vases, Mis	2,511	1961	10	0	x	1	0	0		x	x	S	22	x		
Pankeyville E; Saline; 9S; 7E			1956	10	0	0	1	0	0	0					x	Mis	2,604
					Abd 1957												

Pankeyville E (cont.)	Cypress, Mis	2,250		10	0	0	1	0	0		x	x	S	x	x		
	Paint Creek, Mis	2,360		10	0	0	1	0	0		x	x	S	13	x		
	2 or more pays						1	0	0								
•Parkersburg C; Richland, Edwards;			1941	6,600	74	10,645	291	5	5	86					A	Dev	5,128
1-3N; 10-11E; 14W	Waltersburg, Mis	2,430		90	x	x	9	0	0		x	x	S	10	A		
	Cypress, Mis	2,830		170	x	x	9	0	0		x	x	S	12	A		
	Bethel, Mis	2,930		240	x	x	14	2	1		x	x	S	12	A		
	Aux Vases, Mis	3,070		10	x	x	1	0	0		x	x	S	20	A		
	Ohara, Mis	3,100		x	x	x	4	0	0		x	x	L	10	A		
	Spar Mtn, Mis	3,150		x	x	x	50	5	1		37	0.34	L	10	A		
	McClosky, Mis	3,175		5,140	x	x	192	2	4		38	0.31	OL	10	A		
	2 or more pays						29	2	1								
Parkersburg S; Edwards; 1N; 14W			1948	90	2	74	9	0	0	6					x	Mis	3,187
	Pennsylvanian	1,400		60	x	x	6	0	0		x	x	S	10	x		
	Bethel, Mis	2,815		30	x	x	3	0	0		x	x	S	5	x		
Parkersburg W; Richland, Edwards;			1943	420	0	235	18	0	0	1					A	Mis	3,331
2N; 10E					Abd 1962; rev 1964												
	Ohara, Mis	3,220		40	0	x	1	0	0		x	x	L	5	AC		
	McClosky, Mis	3,260		380	0	x	17	0	0		37	x	L	6	AC		
Parnell; DeWitt; 21N; 4E			1963	220	8	11	20	6	0	20	32	x	S	12	x	Trn	1,971
	Sonora, Mis	671	1963	170	7	11	17	4	0		32	x	S	12	x		
	Devonian		1964	50	0.4	0.4	3	2	0		x	x	S	12	x		
•Passport; Clay; 4-5N; 8E			1945	1,130	68	2,914	62	1	0	37					A	Mis	3,140
	Aux Vases, Mis	2,924	1964	30	x	x	3	1	0				S	6			
	Spar Mtn, Mis	3,005		40	x	x	2	0	0		x	x	L	5	AC		
	McClosky, Mis	3,020		1,100	x	x	58	0	0		37	x	L	10	A		
	2 or more pays						1	0	0								
Passport N; Richland; 5N; 9E	Aux Vases, Mis	2,940	1959	50	4	40	5	0	2	3	36	x	S	10	x	Mis	3,200
•Passport S; Richland, Clay; 4N; 8-9E			1948	160	2	169	11	0	1	1					A	Mis	3,692
	Tar Springs, Mis	2,368	1962	10	x	x	1	0	0		x	x	S	9	x		
	Cypress, Mis	2,665		80	x	x	7	0	0		38	x	S	15	AL		
	Aux Vases, Mis	2,957	1960	10	x	x	1	0	0		x	x	S	8	A		
	Spar Mtn, Mis	3,025		20	x	x	1	0	0		x	x	L	6	AC		
	McClosky, Mis	3,030		40	x	x	2	0	1		38	x	L	8	AC		
	2 or more pays						1	0	0								
Passport W; Clay; 4N; 8E	Ste. Cen, Mis	3,030	1954	180	0.2	69	10	0	0	1	37	x	L	5	AC	Mis	3,130
•Patoka; Marion, Clinton; 3-4N; 1E, 1W			1937	2,020	160	13,775	239	0	2	110					D	Ord	4,056
	Cypress, Mis	1,280		80	x	x	8	0	0		39	x	S	10	D		
	Benoist, Mis	1,410		1,130	x	x	180	0	0		39	0.16	S	27	D		
	Spar Mtn, Mis	1,550		570	x	x	15	0	0		39	0.31	S	9	D		
	Ceneva, Dev	2,835		60	x	x	3	0	1		40	0.28	D	10	D		
	Trenton, Ord	3,950	1956	740	x	x	34	0	1		39	x	L	25	D		
	2 or more pays						2	0	0								
•Patoka E; Marion; 4N; 1E			1941	600	93	4,696	64	0	6	42					D	Ord	4,178
	Cypress, Mis	1,340		500	x	x	54	0	4		36	0.18	S	16	D		
	Benoist, Mis	1,465		60	x	x	5	0	2		36	0.23	S	10	D		
	McClosky, Mis	1,635		80	x	x	3	0	0		x	x	L	8	D		
	Geneva, Dev	2,950		40	x	x	2	0	0		35	x	D	30	R		
•Patoka S; Marion; 3N; 1E			1953	760	256	1,114	72	10	4	55					A	Mis	1,728
	Cypress, Mis	1,350	1953	580	x	x	55	8	1		x	x	S	10	A		
	Benoist, Mis	1,461	1959	160	x	x	16	2	3		x	x	S	15	A		
	Spar Mtn, Mis	1,624	1959	20	x	x	1	0	0		x	x	S	5	A		
Patoka W; Fayette; 4N; 1W	Benoist, Mis	1,380	1950	200	0	304	19	0	16	0	32	x	S	6	A	Mis	1,735
					Abd 1965												

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure			Deepest test: Zone and depth (ft)	
•Phillipstown C; White, Edwards, 3-5S; 10-11E, 14W			1939	6,790	670	22,059	547	8	5	327					A	Dev	5,350
	Anvil Rock, Pen	795		10	x	x	1	0	0		36	x	S	10	Af		
	Clark-Bridgeport, Pen	1,350		x	x	x	14	0	0		36	x	S	10	Af		
	Pennsylvanian	1,450		x	x	x	11	0	0		36	x	S	10	Af		
	Buchanan, Pen	1,550		x	x	x	24	0	1		36	x	S	15	Af		
	Biehl, Pen	1,875		x	x	x	60	1	1		36	0.22	S	15	Af		
	Kinkaid, Mis	1,954	1961	10	x	x	1	0	0		x	x	S	17	Af		
	Degonia, Mis	1,975		570	x	x	57	4	1		35	x	S	15	Af		
	Clore, Mis	2,010		120	x	x	14	0	0		34	x	S	12	Af		
	Palestine, Mis	2,050		60	x	x	8	0	0		x	x	S	11	Af		
	Waltersburg, Mis	2,280		90	x	x	7	2	0		x	x	S	11	Af		
	Tar Springs, Mis	2,295		1,020	x	x	86	3	1		35	x	S	15	Af		
	Cypress, Mis	2,720		560	x	x	45	1	0		36	x	S	12	Af		
	Paint Creek, Mis	2,780		80	x	x	7	0	0		x	x	S	9	Af		
	Bethel, Mis	2,810		1,040	x	x	108	0	1		37	x	S	15	Af		
	Aux Vases, Mis	2,880		810	x	x	68	0	0		37	x	S	15	Af		
	Ohara, Mis	3,010		540	x	x	28	0	0		x	x	L	10	ACf		
	Spar Mtn, Mis	2,960		630	x	x	34	0	0		38	x	LS	10	ACf		
	McClosky, Mis	3,000		1,270	x	x	66	2	1		36	0.21	L	6	ACf		
	2 or more pays						90	4	0								
•Phillipstown S; White; 5S; 10E			1951	160	x	x	14	0	1	11					M	Mis	3,161
	Tar Springs, Mis	2,345	1951	70	0	x	7	0	0		x	x	S	10	Mf		
	Aux Vases, Mis	2,985	1951	50	0	x	5	0	1		x	x	S	10	Mf		
	Spar Mtn, Mis	3,083	1961	20	0	x	1	0	0		x	x	L	8	Mf		
	McClosky, Mis	3,065	1957	20	0	x	1	0	0		x	x	L	4	M		
Pinkstaff; Lawrence; 4N; 11W	McClosky, Mis	1,735	1951	20	0 Abd 1951	0.1	1	0	0	0	x	x	L	4	x	Mis	1,797
Pinkstaff E; Lawrence; 4N; 11W	McClosky, Mis	1,640	1955	20	0 Abd 1961	x	1	0	0	0	x	x	L	6	x	Mis	2,193
Pittsburg N†; Williamson; 8S; 3E	Aux Vases, Mis	2,578	1964	20	8	11	2	1	0	2	x	x	S & L	8	x	Mis	2,836
Pixley; Clay; 4N; 8E	Cypress, Mis	2,680	1959	20	0 Abd 1960	x	2	0	0	0	x	x	S	9	x	Mis	3,121
Plainview†; Macoupin; 9N; 8W	Pennsylvanian	410	1942	10	0	2	1	0	0	0	34	x	S	5	x	Pen	513
Plainview S; Macoupin; 8N; 8W	Pennsylvanian	444	1959	10	0 Abd 1962	x	1	0	0	0	x	x	S	8	x	Pen	642
Posen; Washington; 3S; 2W	Trenton, Ord	3,900	1952	80	3	78	4	0	0	1	x	x	L	25	A	Ord	3,954
Posen N; Washington; 3S; 2W	Trenton, Ord	4,015	1953	10	0 Abd 1959	4	1	0	0	0	x	x	L	15	AC	Ord	4,112
Posen S; Washington; 3S; 2W	Benoist, Mis	1,255	1955	40	0 Abd 1959	x	4	0	0	0	x	x	S	2	x	Mis	1,300
Posey; Clinton; 1N; 2W			1941	210	41	53	24	1	1	22					M	Sil	2,798
	Cypress, Mis	1,105	1941	190	x	x	23	1	1		36	0.18	S	5	M		
	Devonian	2,675	1959	20	x	x	1	0	0		x	x	L	5	M		

Posey E; Clinton; 1N; 2W	Dev-Sil	2,740	1952	560	26	389	26	0	0	25	x	x	L	8	x	Dev	2,805
Posey W; Clinton; 1N; 3W	Devonian	2,585	1954	10	0	1	1	0	0	0	x	x	L	15	x	Dev	2,604
					Abd 1954												
Prentice†; Morgan; 16N; 8W	Pennsylvanian	270	1953	30	0	0	3	0	0	0	x	x	S	10	x	Ord	1,513
Pyramid; Washington; 2S; 1W	Devonian	3,109	1962	120	5	38	6	0	2	4	x	x	S	6	x	Dev	3,255
•Raccoon Lake; Marion; 1N; 1E			1949	400	41	3,220	47	0	5	16					D	Sil	3,530
	Cypress, Mis	1,625		190	x	x	18	0	3		x	x	S	10	D		
	Benoist, Mis	1,715	1957	20	x	x	2	0	1		x	x	S	15	DL		
	Ohara, Mis	1,885		20	x	x	1	0	0		x	x	L	5	DC		
	Spar Mtn, Mis	1,930		220	x	x	11	0	0		x	x	S	12	DC		
	McClosky, Mis	1,950		280	x	x	13	0	1		x	x	L	10	DC		
	Dev-Sil	3,330		300	x	x	15	0	1		x	x	D	10	R		
	2 or more pays						10	0	1								
•Raleigh; Saline; 7-8S; 6E			1953	530	193	1,761	49	1	3	21					A	Mis	3,249
	Tar Springs, Mis	2,235		20	x	x	2	0	0		x	x	S	20	A		
	Cypress, Mis	2,550		400	x	x	38	1	2		x	x	S	12	A		
	Paint Creek, Mis	2,738	1958	10	x	x	1	0	0		x	x	S	5	A		
	Aux Vases, Mis	2,905		80	x	x	8	0	1		x	x	S	5	A		
	Ohara, Mis	3,054	1959	20	x	x	1	0	0		x	x	L	3	A		
	Spar Mtn, Mis	3,025	1957	20	x	x	1	0	0		x	x	LS	10	A		
	2 or more pays						2	0	0								
•Raleigh S†; Saline; 8S; 5-6E			1955	360	30	974	33	0	0	23					x	Mis	3,092
	Waltersburg, Mis	2,046	1959	40	x	x	4	0	0		x	x	S	10	x		
	Bethel, Mis	2,739	1958	10	x	x	1	0	0		x	x	S	8	x		
	Aux Vases, Mis	2,860	1955	320	x	x	29	0	0		x	x	S	16	x		
	2 or more pays		1958				1	0	0								
Raymond; Montgomery; 10N; 4-5W	Pottsville, Pen	590	1940	100	1	25	10	0	1	1	35	0.22	S	10	ML	Dev	2,049
•Raymond E; Montgomery; 10N; 4W	Pennsylvanian	595	1951	60	0.7	28	5	0	0	2	34	x	S	10	x	Mis	1,008
Raymond S; Montgomery; 10N; 4W	Unnamed, Pen	603	1959	10	0	0	1	0	0	0	x	x	S	6	x	Pen	680
					Abd 1959												
Reservoir; Jefferson; 1S; 3E			1950	340	16	361	17	1	0	11					MC	Mis	3,211
	Spar Mtn, Mis	2,443	1959	40	x	x	2	0	0		x	x	S	7	M		
	McClosky, Mis	2,700	1950	260	x	x	14	1	0		x	x	L	6	MC		
	Salem, Mis	3,034	1961	20	x	x	1	0	0		x	x	L	12	M		
Richview; Washington; 2S; 1W	Cypress, Mis	1,500	1946	570	62	1,096	80	1	0	75	x	x	S	12	AL	Mis	1,932
Ridgway; Gallatin; 8S; 8E			1946	30	0	0.1	2	0	0	0					MC	Mis	2,938
					Abd 1946; rev 1955; abd 1956												
	Palestine, Mis	1,730	1955	10	0	0	1	0	0		x	x	S	18	ML		
	McClosky, Mis	2,840	1946	20	0	0.1	1	0	0		x	x	L	6	MC		
Riffle; Clay; 4N; 6E	Spar Mtn, Mis	2,735	1948	100	0	81	5	0	0	0	36	x	L	7	MC	Mis	2,848
					Abd 1961												
Rinard; Wayne; 2N; 7E	McClosky, Mis	3,145	1937	20	0	7	1	0	0	0	39	x	L	5	AC	Mis	3,280
					Abd 1942												
Rinard; Wayne; 2N; 7E			1952	220	3	229	11	1	0	2					M	Mis	3,293
	Spar Mtn, Mis	3,135		20	0	0	1	0	0		x	x	L	6	MC		
	McClosky, Mis	3,140		220	3	229	10	1	0		x	x	L	5	MC		
Rinard S; Wayne; 1N; 6E	Spar Mtn, Mis	3,268	1965	20	0	0	1	1	0	1	x	x	L	4	x	Mis	3,347
Ritter; Richland; 3N; 10-11E	Ste. Gen, Mis	3,215	1950	120	11	240	6	0	0	2	x	x	L	5	x	Mis	3,925
					Abd 1960; rev 1961												

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet,		structure	Zone	and depth (ft)
•Ritter N; Richland; 3N; 11E			1951	220	3	160	11	0	3	3					x	Mis	3,288
	Ohara, Mis	3,203	1960	20	x	x	1	0	0		x	x	L	6	x		
	Spar Mtn, Mis	3,215	1952	160	x	x	8	0	1		x	x	L	6	x		
	McClosky, Mis	3,205	1951	60	x	x	3	0	2		x	x	L	5	x		
	2 or more pays		1960				1	0	0								
Riverton S; Sangamon; 15N; 4W	Silurian	1,590	1965	60	2	2	3	3	0	3	x	x	D	8	x	Sil	1,670
Roaches; Jefferson; 2S; 1E			1938	200	0	620	13	0	0	2					A	Dev	3,840
	Benoist, Mis	2,000		30	x	x	3	0	0		x	x	S	x	AL		
	Ohara, Mis	2,170		60	x	x	3	0	0		37	0.22	L	5	AC		
	Spar Mtn, Mis	2,190		160	x	x	8	0	0		37	0.22	L	12	AC		
	McClosky, Mis	2,250		120	x	x	6	0	0		37	0.22	L	4	AC		
	2 or more pays						3	0	0								
•Roaches N; Jefferson; 2S; 1E			1944	350	20	1,550	35	0	0	23					A	Trn	4,996
	Benoist, Mis	1,925		350	x	x	32	0	0		x	x	S	7	A		
	Spar Mtn, Mis	2,115		80	x	x	4	0	0		x	x	L	8	AC		
	Trenton	4,852	1962	20	x	x	1	0	0		x	x	L	44	x		
	2 or more pays						2	0	0								
Roby; Sangamon; 15N; 3W			1949	260	13	209	15	0	1	9						Sil	1,905
					Abd 1951; rev 1954												
	Silurian	1,775	1949	240	13	209	14	0	1		38	x	L	5	MU		
Roby N; Sangamon; 16N; 3W	Silurian	1,699	1962	60	0	18	3	0	0	0	x	x	L	4	x	Trn	2,300
					Abd 1964												
Roby W; Sangamon; 15N; 3W	Hibbard, Dev	1,655	1957	20	0	2	1	0	0	0	x	x	S	5	MU	Trn	2,259
					Abd 1963												
•Rochester‡; Wabash; 2S; 13W			1948	340	147	2,050	46	1	1	30					M	Mis	2,810
	Pennsylvanian	1,300		190	x	x	19	1	1		x	x	S	16	MCf		
	Waltersburg, Mis	1,940		210	x	x	27	0	0		x	x	S	20	ML		
	2 or more pays						3	0	0								
•Roland C†; White, Gallatin; 5-7S; 8-9E			1940	9,490	822	44,348	884	3	11	563					A	Dev	5,266
	Pennsylvanian	1,410		60	x	x	5	0	0		36	x	S	10	A		
	Degonia, Mis	2,065		40	x	x	4	0	0		x	x	S	7	A		
	Clore, Mis	1,993	1963	40	x	x	4	0	0		x	x	S	4	x		
	Palestine, Mis	2,085		40	x	x	4	0	0		36	x	S	2	A		
	Waltersburg, Mis	2,200		2,130	x	x	117	0	0		38	0.25	S	15	AL		
	Tar Springs, Mis	2,300		400	x	x	36	1	0		37	x	S	15	AL		
	Hardinsburg, Mis	2,550		1,540	x	x	143	0	0		36	0.30	S	20	AL		
	Golconda, Mis	2,505	1955	10	x	x	1	0	0		x	x	S	5	A		
	Cypress, Mis	2,700		1,590	x	x	134	1	8		32	0.12	S	15	AL		
	Paint Creek, Mis	2,800		380	x	x	32	1	0		36	x	S	12	AL		
	Bethel, Mis	2,800		1,160	x	x	78	0	0		32	0.20	S	12	AL		
	Aux Vases, Mis	2,880		2,620	x	x	239	0	3		32	0.12	S	13	AL		
	Ohara, Mis	3,020		620	x	x	24	0	0		36	x	OL	6	AC		
	Spar Mtn, Mis	3,050		620	x	x	24	0	0		37	x	L	6	AC		
	McClosky, Mis	3,070		1,840	x	x	81	2	0		37	0.20	L	6	AC		
	St. Louis, Mis	x		20	x	x	1	0	0		x	x	L	x	AC		
	2 or more pays						120	1	0								
Roland W; Saline; 7S; 7E	Aux Vases, Mis	2,935	1950	10	0	22	1	0	0	0	x	x	S	15	ML	Mis	3,161
					Abd 1959												

•Ruark; Lawrence; 2N; 12-13W			1941	450	12	2,448	44	0	1	29					A	Mis	2,442
	Pennsylvanian	1,600		320	x	x	33	0	0		33	x	S	10	AL		
	Bethel, Mis	2,075		90	x	x	7	0	1		x	x	S	11	AL		
	Aux Vases, Mis	2,145		30	x	x	3	0	0		x	x	S	7	AL		
	Ohara, Mis	2,275		20	0	0	1	0	0		x	x	L	5	AC		
	2 or more pays						1	0	0								
•Ruark W C; Lawrence; 2N; 13W			1947	610	5	893	56	0	17	33					M	Mis	2,633
	Waltersburg, Mis	1,780		50	x	x	6	0	0		x	x	S	10	ML		
	Cypress, Mis	2,165		10	x	x	1	0	0		x	x	S	9	ML		
	Bethel, Mis	2,220		440	x	x	41	0	16		x	x	S	20	ML		
	Ohara, Mis	2,350		80	x	x	4	0	1		x	x	L	5	MC		
	Spar Mtn, Mis	2,390		40	x	x	2	0	1		x	x	L	5	MC		
	McClosky, Mis	2,400		280	x	x	14	0	4		x	x	L	3	MC		
	2 or more pays						11	0	5								
•Rural Hill N; Hamilton; 5S; 5E			1949	90	5	199	8	0	1	3					M	Mis	3,468
					Abd 1950; rev 1956												
	Cypress, Mis	2,930	1956	60	5	198	7	0	1		x	x	S	10	ML		
	Spar Mtn, Mis	3,325		20	0	1	1	0	0		x	x	L	8	MC		
Rushville NW; Schuyler; 2N; 2W	Silurian	669	1960	20	0	0.5	1	0	0	1	x	x	L	3	AC	Trn	1,038
Russellville Gas†; Lawrence; 4-5N; 10-11W	McClosky, Mis	1,560	1937	40	0	12	2	0	0	0	x	x	L	7	AC	Dev	3,133
Russellville W; Lawrence; 5N; 11W	Spar Mtn, Mis	1,565	1955	20	0	2	1	0	0	0	x	x	L	22	x	Mis	1,646
					Abd 1957												
•St. Francisville; Lawrence; 2N; 11W	Bethel, Mis	1,845	x	740	x	x	87	0	1	44	32	x	S	6	ML	Mis	2,164
					See Lawrence County Division for Production												
•St. Francisville E; Lawrence; 2N; 11W			1941	340	20	587	32	2	0	26					A	Mis	1,960
	Pennsylvanian	1,260		60	x	x	6	1	0		x	x	S	8	AL		
	Waltersburg, Mis	1,300		10	x	x	1	0	0		x	x	S	6	AL		
	Hardinsburg, Mis	1,460		40	x	x	3	0	0		x	x	S	6	AL		
	Cypress, Mis	1,605		20	x	x	2	0	0		x	x	S	15	AL		
	Bethel, Mis	1,750		280	x	x	19	1	0		37	0.21	S	20	A		
	Spar Mtn, Mis	1,822	1963	20	x	x	1	0	0		x	x	L	5	x		
•St. Jacob; Madison; 3N; 6W	Trenton, Ord	2,260	1942	1,120	127	3,427	53	0	1	28	40	0.23	L	17	A	Pc	5,019
St. Jacob E; Madison; 3N; 6W	Hardin, Dev	1,840	1955	20	0	1	1	0	0	0	x	x	S	x	U	Ord	2,600
					Abd 1957												
•St. James; Fayette; 5-6N; 2-3E			1938	2,140	474	17,558	262	0	5	170					A	Dev	3,470
	Golconda, Mis	1,555		10	0	x	1	0	0		x	x	L	15	A		
	Cypress, Mis	1,580		1,890	x	x	199	0	4		34	0.31	S	16	A		
	Benoist, Mis	1,746	1959	10	x	x	1	0	0		x	x	S	8	A		
	Spar Mtn, Mis	1,860		190	x	x	10	0	1		38	x	L	16	A		
	Carper, Mis	3,070	1961	630	x	x	52	0	0		x	x	S	35	A		
	2 or more pays						1	0	0								
St. Paul; Fayette; 5N; 3E			1941	380	37	855	36	0	0	28					A	Dev	3,575
	Benoist, Mis	1,900		240	x	x	18	0	0		34	0.23	S	9	A		
	Spar Mtn, Mis	2,080		20	0	0	1	0	0		x	x	L	6	A		
	Carper, Mis	3,288	1963	200	x	x	19	0	0		36	x	S	28	x		
•Ste. Marie; Jasper; 5N; 10-11E, 14W	Ste. Gen, Mis	2,900	1941	1,420	40	1,491	56	0	0	29	38	0.14	L	8	AC	Mis	3,034
Ste. Marie E; Jasper; 6N; 14W	McClosky, Mis	2,685	1949	80	0	1	4	0	0	0	x	x	L	10	MC	Mis	3,018
					Abd 1951												
Ste. Marie W; Jasper; 5-6N; 10E			1949	300	21	332	17	1	1	14					M	Mis	3,000
	Aux Vases, Mis	2,720	1949	10	x	x	1	0	0		38	x	S	25	ML		
	McClosky, Mis	2,815		300	x	x	17	1	1		38	x	L	6	MC		
Sailor Springs Cen; Clay; 3-4N; 7-8E			1948	80	0	6	7	0	0	2					M	Mis	3,128
					Abd 1955; rev 1957; abd 1961; rev 1964												

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure			Deepest test: Zone and depth (ft)	
Sailor Springs Cen (cont.)	Tar Springs, Mis	2,330		40	0	1	5	0	0		x	x	S	6	ML		
	Spar Mtn, Mis	3,015		40	0	5	2	0	0		x	x	L	4	MC		
•Sailor Springs C; Clay, Effingham, Jasper; 3-6N; 6-8E			1938	17,330	1,697	41,158	1,166	29	23	752					A	Dev	4,486
	Tar Springs, Mis	2,340		710	x	x	49	0	1		37	0.17	S	12	A		
	Glen Dean, Mis	2,390		10	x	x	1	0	0		x	x	L	8	A		
	Cypress, Mis	2,550		9,340	x	x	592	18	9		39	0.28	S	12	A		
	Bethel, Mis	2,740		430	x	x	35	0	0		36	x	S	20	A		
	Aux Vases, Mis	2,825		1,360	x	x	133	8	5		39	x	S	13	A		
	Ohara, Mis	2,900		300	x	x	12	0	0		37	x	OL	6	A		
	Spar Mtn, Mis	2,900		2,460	x	x	122	1	3		x	x	LS	8	A		
	McClosky, Mis	2,925		5,380	x	x	274	7	7		38	x	OL	8	A		
	2 or more pays						85	5	2								
Sailor Springs E; Clay; 4N; 8E			1944	140	0	64	12	0	0	0					D	Mis	3,168
					Abd 1952; rev 1955; abd 1956; rev 1960; abd 1961												
	Cypress, Mis	2,695		100	0	62	10	0	0		x	x	S	8	D		
	McClosky, Mis	3,020	1955	40	0	2	2	0	0		x	x	L	7	D		
Sailor Springs N; Clay; 4N; 8E			1948	100	0	5	5	0	0	0					M	Mis	3,126
					Abd 1949; rev 1950; abd 1951; rev 1955; abd 1956; rev 1957; abd 1960												
	Spar Mtn, Mis	2,985		60	x	x	3	0	0		x	x	L	2	MC		
	McClosky, Mis	3,030		80	x	x	4	0	0		x	x	L	2	MC		
	2 or more pays						2	0	0								
•Salem C; Marion, Jefferson; 1-2N, 1S; 1-2E			1938	14,940	7,202	325,843	2,828	6	45	1,503					A	St.P	5,655
	Benoist, Mis	1,780		x	x	x	619	4	10		38	x	S	40	A		
	Aux Vases, Mis	1,825		x	x	x	817	2	8		39	0.21	S	40	A		
	Ohara, Mis	2,075		x	x	x	2	0	0		37	x	L	3	A		
	Spar Mtn, Mis	2,100		x	x	x	149	1	3		37	x	LS	15	A		
	McClosky, Mis	2,050		x	x	x	884	0	13		37	x	L	17	A		
	St. Louis, Mis	2,100		x	x	x	15	0	0		37	x	L	x	A		
	Salem, Mis	2,160		x	x	x	274	0	1		37	x	L	17	A		
	Devonian	3,440		5,860	x	x	638	0	12		42	0.28	L	40	A		
	Trenton, Ord	4,500		2,240	x	x	98	1	1		39	x	L	50	A		
	2 or more pays						739	1	2								
Samsville; Edwards; 1N; 11E	Waltersburg, Mis	2,420	1942	30	0	1	3	0	0	0	x	x	S	7	A	Mis	3,303
					Abd 1952												
•Samsville N; Edwards; 1N; 14W	Bethel, Mis	2,900	1945	180	2	250	16	0	0	2	x	x	S	6	A	Mis	3,220
Samsville NW; Edwards; 1N; 10E	Ohara, Mis	3,190	1955	20	0	3	1	0	0	0	x	x	L	4	x	Mis	3,248
					Abd 1956												
Samsville W; Edwards; 1N; 10E			1951	120	3	174	5	0	2	1					x	Mis	3,425
	Ohara, Mis	3,260		60	x	x	3	0	1		x	x	L	6	x		
	Spar Mtn, Mis	3,275		40	x	x	2	0	0		x	x	L	6	x		
	McClosky, Mis	3,275		40	x	x	2	0	1		x	x	L	6	x		
Sandoval; Marion; 2N; 1E			1909	500	24	5,964	153	0	0	x					D	St.P	5,023
	Cypress, Mis	1,400		20	0	0	1	0	0		x	x	S	10	D		
	Benoist, Mis	1,540		460	0	2,705	123	0	0		35	x	S	20	D		
	Geneva, Dev	2,920		390	24	3,259	28	0	0		38	0.38	D	9	R		
	2 or more pays						1	0	0								
Sandoval W; Clinton; 2N; 1W			1946	20	0	26	1	0	0	0					A	Mis	1,604
					Abd 1960												

Sandoval W (cont.)	Cypress, Mis	1,420	1946	10	0	26	1	0	0		x	x	S	4	A		
	Benoist, Mis		1961	10	0	x	1	0	0		x	x	S	x	A		
Santa Fe; Clinton; 1N; 3W	Cypress, Mis	955	1944	10	0	2	1	0	0	0	x	x	S	10	A	Dev	2,542
					Abd 1947												
Schnell; Richland; 2N; 9E	McClosky, Mis	3,000	1938	80	4	275	4	0	0	2	37	0.19	OL	5	AC	Mis	3,130
Schnell E; Richland; 2N; 9E	McClosky, Mis	3,115	1954	20	0	0.5	1	0	0	0	x	x	L	4	AC	Mis	3,150
					Abd 1954												
Sciota; McDonough; 7N; 3W	Devonian	519	1960	20	0	0	1	0	0	0	28	x	L	16	x	Sil	760
					Abd 1960												
·Seminary; Richland; 2N; 10E	McClosky, Mis	3,195	1945	160	0.6	228	8	0	0	2	x	x	L	8	MC	Mis	3,330
·Sesser C; Franklin; 5-6S; 1-2E			1942	1,280	72	2,514	102	3	5	77					A	Dev	4,688
	Cypress, Mis	2,455		20	x	x	2	0	0		x	x	S	5	AL		
	Renault, Mis	2,690		280	x	x	26	1	0		39	0.17	S	10	AC		
	Aux Vases, Mis	2,700		860	x	x	70	3	5		39	0.17	S	10	AL		
	Ohara, Mis	2,675		40	x	x	2	0	0		x	x	L	8	A		
	Spar Mtn, Mis	2,810		80	x	x	4	0	0		x	x	L	10	AC		
	McClosky, Mis	2,840		100	x	x	5	0	0		x	x	L	5	AC		
	St. Louis, Mis	3,002		20	x	x	1	0	0		x	x	L	20	AC		
	Clear Creek, Dev	4,360		160	x	x	7	0	1		x	x	L	x	AC		
	2 or more pays						14	1	1								
·Shattuc; Clinton; 2N; 1W			1945	370	17	651	35	1	0	18					A	Ord	4,078
	Cypress, Mis	1,280		180	x	x	15	0	0		x	x	S	7	AL		
	Benoist, Mis	1,420		50	x	x	6	1	0		x	x	S	13	AL		
	Trenton, Ord	4,020		240	x	x	15	0	0		40	x	L	13	A		
Shattuc N; Clinton; 2N; 1W	Benoist, Mis	1,445	1961	10	0	2	1	0	0	0	x	x	S	7	x	Mis	1,457
					Abd 1964												
Shawneetown; Gallatin; 9S; 9E			1945	60	0	16	5	0	0	0					M	Mis	2,837
					Abd 1950; rev 1955; abd 1960												
	Palestine, Mis	1,720	1955	20	x	x	2	0	0		x	x	S	28	M		
	Waltersburg, Mis	1,900	1955	10	x	x	1	0	0		x	x	S	12	M		
	Tar Springs, Mis	1,960	1955	30	x	x	3	0	0		x	x	S	x	M		
	Cypress, Mis	2,375	1956	10	x	x	1	0	0		x	x	S	14	M		
	Aux Vases, Mis	2,650		10	0	0.5	1	0	0		x	x	S	10	MF		
	2 or more pays						2	0	0								
Shawneetown E; Gallatin; 9S; 10E			1952	40	0.2	18	4	0	0	2					x	Mis	2,830
	Waltersburg, Mis	1,855	1955	20	x	x	2	0	0		x	x	S	10	x		
	Bethel, Mis	2,480	1955	10	x	x	1	0	0		x	x	S	x	x		
	Aux Vases, Mis	2,660		10	x	x	1	0	0		x	x	S	9	x		
·Shawneetown N; Gallatin; 9S; 10E			1948	50	2	104	5	0	1	2					MF	Mis	3,091
					Abd 1953; rev 1955												
	Aux Vases, Mis	2,750	1955	30	2	98	3	0	1		x	x	S	20	MF		
	McClosky, Mis	3,045		20	0	6	1	0	0		x	x	L	6	MF		
·Shelbyville C; Shelby; 11N; 4E	Aux Vases, Mis	1,860	1946	100	1	35	9	0	0	1	x	x	S	15	A	Mis	3,301
Shumway; Effingham; 9N; 5E	McClosky, Mis	2,223	1965	20	2	2	1	1	0	1	x	x	L	3	x	Mis	2,273
Sicily; Christian; 13N; 4W	Silurian	1,860	1956	100	0.3	69	6	0	0	1	39	x	L	16	x	Sil	1,884
·Siggins; Cumberland Clark; 10-11N; 10-11E, 14W			1906	4,030	x	x	1,112	0	0	507					D	Dev	2,069
					See Clark County Division for Production												
	1st (Upper) Siggins, Pen	400		3,220	x	x	892	0	0		34	x	S	25	D		
	2nd (Lower) Siggins, Pen	460		500	x	x	93	0	0		34	x	S	x	D		
	3rd and 4th Siggins, Pen	580		1,010	x	x	203	0	0		26	x	S	40	D		

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of dis-covery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Com-pleted in 1965	Aban-doned 1965	Pro-ducing end of year	Gr. API	Sul-fur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Siloam; Brown; 2S; 4W	Silurian	603		540	2	207	26	0	1	21	35	x	D	4	AC	St.P	1,115
Slapout; Marion; 1N; 3E	McClosky, Mis	2,763	1965	20	25	25	1	1	0	1	x	x	OL	4	x	Mis	2,895
•Sorento C; Bond; 6N; 4W			1938	700	36	1,835	57	0	0	18					A	Ord	2,680
	Pennsylvanian	570	1956	50	x	x	5	0	0		x	x	S	20	A		
	Lingle, Dev	1,875		650	x	x	52	0	0		35	x	S	8	A		
Sorento W; Bond; 6N; 4W	Devonian	1,880	1956	20	0	0	1	0	0	0	x	x	L	x	x	Ord	2,706
					Abd 1956												
Sparta†; Randolph; 4-5S; 5-6W	Cypress, Mis	850	1888	20	0	x	2	0	0	0	x	x	S	7	D	Trn	3,130
					Abd 1900												
Sparta S; Randolph; 5S; 5W	Cypress, Mis	880	1949	10	0	0	1	0	0	0	x	x	S	8	A	Mis	909
					Abd 1950												
Springfield E; Sangamon; 15N; 4W			1960	330	9	255	18	1	0	10					R	Sil	1,705
	Hibbard, Dev	1,625	1960	20	x	x	1	0	0		x	x	S	4	D		
	Silurian	1,600	1960	330	x	x	18	1	0		39	x	D	12	R		
•Staunton†; Macoupin; 7N; 7W	Pennsylvanian	515	1952	20	0.2	3	2	0	0	2	x	x	S	11	A	Ord	2,371
•Staunton W; Macoupin; 7N; 7W	Pennsylvanian	505	1954	210	6	77	22	0	0	16	35	x	S	10	x	Dev	1,487
•Stewardson; Shelby; 10N; 5E			1939	280	40	597	25	1	0	24					A	Dev	3,414
	Aux Vases, Mis	1,945	1939	230	x	x	24	1	0		37	0.18	S	9	A		
	Spar Mtn, Mis	2,021	1958	70	x	x	5	0	0		x	x	S	4	A		
	2 or more pays		1958				4	0	0								
•Stewardson E; Shelby; 9N; 6E			1963	40	2	10	2	0	1	1						Mis	2,280
	Aux Vases, Mis	2,177	1963	40	x	x	1	0	0		x	x	S	6	x		
	Spar Mtn, Mis	2,197	1963	40	x	x	2	0	1		x	x	S	6	x		
	2 or more pays		1963				1	0	0								
•Storms C†; White; 5-6S; 9-10E			1939	5,030	652	14,973	390	10	7	202					AM	Mis	3,550
	Pennsylvanian	1,320		120	x	x	9	0	0		x	x	S	10	A		
	Biehl, Pen	1,840		70	x	x	8	0	1		x	x	S	4	Af		
	Degonia, Mis	2,090		140	x	x	13	0	0		38	x	S	7	AL		
	Clore, Mis	2,100		290	x	x	28	0	0		x	x	S	10	AL		
	Palestine, Mis	2,150		70	x	x	6	0	0		x	x	S	12	AL		
	Waltersburg, Mis	2,230		2,330	x	x	224	4	1		32	0.28	S	15	AL		
	Tar Springs, Mis	2,340		220	x	x	19	1	0		36	x	S	10	Mf		
	Hardinsburg, Mis	2,476	1959	20	x	x	2	0	0		x	x	S	9	Mf		
	Cypress, Mis	2,700		250	x	x	19	0	1		35	x	S	10	Mf		
	Bethel, Mis	2,810		40	x	x	4	0	0		x	x	S	x	Mf		
	Renault, Mis	2,990		20	x	x	2	0	0		x	x	L	5	A		
	Aux Vases, Mis	3,000		760	x	x	75	6	4		38	x	S	13	Af		
	Ohara, Mis	3,095		120	x	x	7	0	0		x	x	L	10	AC		
	Spar Mtn, Mis	3,115		180	x	x	9	0	0		x	x	L	2	AC		
	McClosky, Mis	3,055		150	x	x	7	0	0		x	x	L	5	MC		
	2 or more pays						37	1	0								
•Stringtown; Richland; 4-5N; 11E; 14W	Ste. Gen, Mis	3,025	1941	880	11	1,553	35	0	4	8	40	0.24	OL	8	AC	Mis	3,401
Stringtown E; Richland; 4N; 14W	McClosky, Mis	3,010	1948	20	0	2	1	0	0	0	x	x	L	4	x	Mis	3,144
					Abd 1950												

Stubblefield S†; Bond; 4N; 3W			1955	30	0	0	2	0	1	0					x	Dev	2,455
					Abd 1956; rev 1963; abd 1965												
	Cypress, Mis	985	1955	10	0	0	1	0	0		x	x	S	4	x		
	Devonian	2,185	1963	20	0	0	1	0	1		x	x	L	8	x		
Sumner; Lawrence; 4N; 13W	McClosky, Mis	2,260	1944	40	0	16	2	0	0	0	x	x	L	4	MC	Mis	2,365
					Abd 1953												
Sumner S†; Lawrence; 3N; 13W	Aux Vases, Mis	2,620	1964	40	0	0	4	0	0	4	x	x	S	8	x	Mis	2,791
Sumpter; White; 4S; 9E			1945	170	10	276	15	0	1	7					A	Dev	5,504
	Tar Springs, Mis	2,575		110	x	x	10	0	0		x	x	S	18	Af		
	Hardinsburg, Mis	2,655		10	x	x	1	0	0		36	x	S	14	Af		
	Cypress, Mis	2,860		40	x	x	4	0	0		x	x	S	15	Af		
	Ohara, Mis	3,222	1960	20	x	x	1	0	1		x	x	L	6	A		
	2 or more pays						1	0	0								
·Sumpter E; White; 4-5S; 10E			1951	1,540	76	1,614	97	2	3	85					A	Mis	3,396
	Cypress, Mis	2,795		180	x	x	18	0	0		x	x	S	16	AL		
	Bethel, Mis	2,922	1960	20	x	x	2	0	0		x	x	S	12	A		
	Aux Vases, Mis	3,020		280	x	x	27	1	3		x	x	S	15	AL		
	Ohara, Mis	3,115		900	x	x	44	1	0		x	x	L	12	AC		
	Spar Mtn, Mis	3,140		340	x	x	17	0	0		x	x	L	4	AC		
	McClosky, Mis	3,150		60	x	x	3	0	0		x	x	L	5	AC		
	2 or more pays						16	0	0								
·Sumpter N; White; 4S; 9E	Aux Vases, Mis	3,185	1952	160	13	458	15	0	0	13	x	x	S	3	NL	Mis	3,425
·Sumpter S; White; 4-5S; 9E			1948	280	26	584	28	0	0	22					Af	Mis	3,430
	Tar Springs, Mis	2,580		160	x	x	13	0	0		x	x	S	8	Af		
	Bethel, Mis	3,025		10	x	x	1	0	0		x	x	S	15	Af		
	Aux Vases, Mis	3,260		160	x	x	15	0	0		x	x	S	10	Af		
	2 or more pays						3	0	0								
Sumpter W; White; 4S; 9E	Aux Vases, Mis	3,165	1952	10	0	20	1	0	0	0	x	x	S	5	NL	Mis	3,336
					Abd 1964												
Tamaroa†; Perry; 4S; 1W			1942	380	27	322	20	0	0	12						Trn	4,287
	Cypress, Mis	1,120	1942	160	14	288	15	0	0		36	0.12	S	13	AL		
	Trenton, Ord	4,135	1964	240	13	34	6	0	0				L	40			
	2 or more pays		1964				1	0	0								
·Tamaroa S; Perry; 4S; 1W	Cypress, Mis	1,155	1957	190	13	222	17	0	0	15	x	x	S	7	x	Mis	1,200
Tamaroa W; Perry; 4S; 2W	Cypress, Mis	1,100	1956	20	0.3	x	2	0	0	2	x	x	S	5	x	Mis	1,600
Taylor Hill; Franklin; 5S; 4E			1949	100	3	79	5	0	0	3						Mis	4,093
	Ohara, Mis	3,055	1949	60	x	x	3	0	0		x	x	L	4	x		
	Harrodsburg, Mis	3,940		40	x	x	2	0	0		x	x	L	15	x		
·Thackeray; Hamilton; 5S; 7E			1944	740	201	3,324	67	0	2	30					A	Dev	5,611
	Cypress, Mis	3,030		20	x	x	2	0	0		x	x	S	24	A		
	Aux Vases, Mis	3,360		680	x	x	63	0	1		x	x	S	15	AL		
	Ohara, Mis	3,435		20	x	x	1	0	0		x	x	L	5	AC		
	McClosky, Mis	3,500		120	x	x	6	0	1		x	x	L	10	AC		
	2 or more pays						2	0	0								
Thompsonville; Franklin; 7S; 4E	McClosky, Mis	3,120	1940	240	0	285	19	0	0	0	38	0.16	L	10	A	Mis	3,455
					Abd 1947												
·Thompsonville E; Franklin; 7S; 4E	Aux Vases, Mis	3,150	1949	120	16	465	12	0	0	6	38	x	S	8	ML	Mis	3,371
·Thompsonville N; Franklin; 7S; 4E			1944	750	53	3,524	87	0	0	32					A	Mis	3,365
	Cypress, Mis	2,750		20	x	x	1	0	0		x	x	S	10	AL		
	Aux Vases, Mis	3,100		710	x	x	86	0	0		39	x	S	20	AL		
Tilden; Randolph; 4S; 5W	Silurian	2,160	1952	680	122	3,341	33	0	0	32	42	x	L	60	R	Ord	3,093
Toliver E; Clay; 5N; 6-7E			1943	90	0	230	5	0	0	2					M	Mis	2,965

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone		Year of discovery	Area proved in acres	Oil production M bbls		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year	Gr. API	Sulfur (%)	Kind of rock, av. thickness in feet, structure			Zone and depth (ft)	
Toliver E (cont.)	Cypress, Mis	2,510	1955	10	0	0	1	0	0		x	x	S	14	M		
	Spar Mtn, Mis	2,815		20	0	14	1	0	0		x	x	L	6	MC		
	McClosky, Mis	2,840		60	0	216	3	0	0		x	x	OL	8	MC		
Toliver S; Clay; 4N; 6E			1953	70	0	58	4	0	0	0					M	Mis	2,915
					Abd 1964												
	Aux Vases, Mis	2,765		10	0	21	1	0	0		x	x	S	x	MC		
	McClosky, Mis	2,875	1956	60	0	37	3	0	0		34	x	L	5	MC		
•Tonti; Marion; 2-3N; 2E			1938	880	217	12,687	105	0	2	69					D	Ord	4,900
	Benoist, Mis	1,930		x	x	x	16	0	0		39	x	S	20	D		
	Aux Vases, Mis	2,005		x	x	x	23	0	1		39	x	S	30	D		
	Spar Mtn, Mis	2,125		x	x	x	13	1	0		x	x	LS	12	D		
	McClosky, Mis	2,130		x	x	x	70	2	2		39	0.21	OL	15	D		
	Devonian	3,500		80	x	x	7	0	0		x	x	D	7	R		
	2 or more pays						11	1	0								
Tovey; Christian; 13N; 3W	Silurian	1,850	1955	20	2	25	1	0	0	1	38	x	L	10	x	Sil	1,881
•Trumbull C; White; 5S; 8-9E			1944	1,430	121	2,529	109	4	0	75					A	Mis	4,125
	Tar Springs, Mis	2,528	1962	20	x	x	2	0	0		x	x	S	5	x		
	Cypress, Mis	2,845		310	x	x	31	2	0		36	x	S	10	A		
	Bethel, Mis	2,955		10	x	x	1	0	0		x	x	S	x	A		
	Aux Vases, Mis	3,170		410	x	x	40	2	0		36	x	S	9	A		
	Ohara, Mis	3,230		360	x	x	19	0	0		x	x	L	15	AC		
	Spar Mtn, Mis	3,270		240	x	x	12	1	0		x	x	L	6	AC		
	McClosky, Mis	3,290		380	x	x	19	0	0		x	x	L	5	AC		
	2 or more pays						12	1	0								
Trumbull N; White; 4S; 8E			1961	50	1	7	3	0	1	2						Mis	3,537
	Aux Vases, Mis	3,325	1961	10	x	x	1	0	1		x	x	S	6	x		
	McClosky, Mis	3,466	1961	40	x	x	2	0	0		x	x	OL	16	x		
Turkey Bend; Perry; 4S; 2W	Trenton, Ord	3,940	1957	20	2	31	1	0	0	1	x	x	L	x	x	Ord	4,044
•Valier; Franklin; 6S; 2E			1942	70	17	48	6	1	0	3						Mis	2,900
					Abd 1945; rev 1963												
	Aux Vases, Mis	2,685	1963	50	17	46	5	1	0		x	x	S	7	x		
	McClosky, Mis	2,715	1942	20	0	2	1	0	0		x	x	L	12	ML		
Virden W; Macoupin; 12N; 7W	Devonian	1,361	1963	40	0	0	2	0	0	2	x	x	L	20	x	Dev	1,390
Waggoner†; Montgomery; 11N; 5W	Pottsville, Pen	610	1940	60	0.1	12	6	0	0	0	28	0.21	S	10	x	Sil	1,945
					Abd 1949; rev 1959; abd 1960; rev 1963; abd 1964												
Wakefield; Jasper; 5N; 9E	Spar Mtn, Mis	3,100	1946	40	0	2	2	0	0	0	x	x	L	5	x	Mis	3,207
					Abd 1947; rev 1953; abd 1954												
Wakefield N; Jasper; 5N; 9E	McClosky, Mis	3,000	1953	20	0	20	1	0	0	0	x	x	L	6	x	Mis	3,204
					Abd 1958												
Wakefield S; Richland; 5N; 9E	McClosky, Mis	3,040	1955	20	0	0	1	0	0	0	x	x	L	4	x	Mis	3,650
					Abd 1955												
•Walpole; Hamilton; 6-7S; 6E			1941	2,050	536	9,284	129	4	2	85					A	Dev	5,325
	Tar Springs, Mis	2,465		100	x	x	7	0	0		36	x	S	15	AL		
	Aux Vases, Mis	3,070		1,890	x	x	117	4	2		38	0.13	S	20	A		
	Spar Mtn, Mis	3,195		40	x	x	2	0	0		x	x	L	7	AC		
	McClosky, Mis	3,162	1960	80	x	x	4	0	0		x	x	OL	7	AC		

•Walpole (cont.)	St. Louis, Mis	3,544	1960	20	x	x	1	0	0		x	x	L	8	AC		
Walpole S; Hamilton; 7S; 6E	Aux Vases, Mis	3,120	1951	20	0	119	2	0	0	2	x	x	S	6	AL	Mis	3,362
Waltonville; Jefferson; 3S; 2E			1943	60	1	121	5	0	1	3					A	Mis	3,375
	Benoist, Mis	2,460	1943	40	x	x	4	0	0		38	0.14	S	9	A		
	St. Louis, Mis	2,767	1962	20	x	x	1	0	1		x	x	L	14	x		
•Wamac; Marion, Clinton, Washington; 1N; 1E, 1W			1921	320	5	691	117	0	5	5					DF	Ord	4,160
	Petro, Pen	720	1921	270	x	x	115	0	x		30	x	S	20	DF		
	Devonian	3,015	1959	20	x	x	1	0	x		x	x	L	9	DF		
Wamac E†; Marion; 1N; 1E	Isabel (Wilson sand), Pen	845	1952	110	0.8	48	11	0	0	6	x	x	S	15	ML	Mis	2,216
•Wamac W; Clinton; 1N; 1W			1962	210	95	355	20	3	0	18					x	Mis	1,622
	Cypress, Mis	1,312	1962	90	x	x	9	3	0		x	x	S	8	x		
	Benoist, Mis	1,466	1962	120	x	x	11	0	0		x	x	S	12	x		
Wapella E; DeWitt; 21N; 3E			1962	350	262	777	36	15	0	36						St.P	2,216
	Devonian	1,108	1963	30	x	x	3	0	0		x	x	L	5	x		
	Silurian	1,112	1962	350	262	777	36	15	0		30.5	x	D	6	R		
	2 or more pays		1963				3	0	0								
•Warrenton-Borton; Edgar, Coles; 13-14N; 13-14W	Unnamed, Pen	200	1906	300	0	32	44	0	0	x	31	x	S	20	ML	Trn	2,212
Waterloo; Monroe; 1-2S; 10W	Trenton, Ord	410	1920	230	0	238	41	0	0	3	30	0.97	L	50	A	Pc	2,768
					Abd 1930; rev 1939; Converted in part to Gas Storage, 1951												
Watson; Effingham; 7N; 5-6E			1957	60	3	50	3	0	0	1					x	Mis	2,647
	Spar Mtn, Mis	2,415	1957	40	x	x	2	0	0		x	x	S	5	x		
	McClosky, Mis	2,434	1958	20	x	x	1	0	0		38	x	L	11	x		
Watson W; Effingham; 7N; 5E	Aux Vases, Mis	2,208	1965	10	0.9	0.9	1	1	0	1	x	x	S	12	x	Mis	2,316
Waverly†; Morgan; 13N; 8W	Dev-Sil	1,020	1946	40	0	0	1	0	0	0	x	x	L	10	A	Ord	2,070
Weaver; Clark; 11N; 10W			1949	760	57	1,986	42	0	0	30					R	Dev	2,160
	Cole, Mis	1,565		20	x	x	1	0	0		x	x	S	5	D		
	Devonian	2,030		720	x	x	40	0	0		37	x	L	10	R		
•West Frankfort C; Franklin; 7S; 2-3E			1941	1,890	231	6,231	139	0	3	106					A	Mis	3,156
	Tar Springs, Mis	2,060		800	x	x	70	0	0		39	0.13	S	20	A		
	Aux Vases, Mis	2,710		290	x	x	27	0	2		37	x	S	20	AL		
	Ohara, Mis	2,760		820	x	x	42	0	1		39	x	L	8	AC		
	Spar Mtn, Mis	2,810		120	x	x	6	0	1		x	x	L	8	AC		
	McClosky, Mis	2,825		400	x	x	21	0	0		38	x	L	14	AC		
	2 or more pays						22	0	1								
•West Seminary; Clay; 2N; 7E			1959	310	146	703	27	0	0	13					MC	Mis	3,198
	Aux Vases, Mis	2,972	1959	160	x	x	17	0	0		x	x	S	10	MC		
	Spar Mtn, Mis	3,059	1959	60	x	x	3	0	0		x	x	L	6	MC		
	McClosky, Mis	3,068	1959	260	x	x	13	0	0		x	x	L	12	MC		
	2 or more pays						4	0	0								
•Westfield; Clark, Coles; 11-12N; 11E-14W			1904	10,490	x	x	1,805	5	7	242					D	St.P	3,009
					See Clark County Division for Production												
	Gas, Pen	280		9,170	x	x	223	3	x		28	x	S	25	D		
	Westfield, Mis	335		9,400	x	x	15	2	x		34	x	L	x	D		
	Carper, Mis	875		290	x	x	28	0	x		x	x	S	18	D		
	Trenton, Ord	2,300		1,540	x	x	87	0	x		38	0.18	L	40	D		
	2 or more pays						5	0	x								
•Westfield E†; Clark; 11-12N; 14W	Pennsylvanian	400	1947	240	x	x	28	5	0	18	x	x	S	11	ML	Pen	678
Westfield N; Coles; 12N; 14W			1949	20	0	0.4	2	0	0	0					x	Pen	611
					Abd 1957												

TABLE 8 — ILLINOIS OIL POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range (•Secondary recovery — see Part II)	Pay zone: Name and age	Pay zone: Depth (ft)	Year of discovery	Area proved in acres	Oil production M bbls: During 1965	Oil production M bbls: To end of 1965	Number of wells: Completed to end of 1965	Number of wells: Completed in 1965	Number of wells: Abandoned 1965	Number of wells: Producing end of year	Character of oil: Gr. API	Character of oil: Sulfur (%)	Pay zone: Kind of rock, av. thickness in feet, structure	Deepest test: Zone and depth (ft)
Westfield (cont.)	Pleasantview, Pen	275		10	0	0.4	1	0	0		x	x	S 5 x	
	Pennsylvanian	490		10	0	0	1	0	0		x	x	S 10 x	
Whittington; Franklin; 5S; 3E			1939	840	136	1,629	64	4	0	53			A	Dev 4,810
	Hardinsburg, Mis	2,310		x	x	x	26	3	0		x	x	S 10 A	
	Cypress, Mis	2,535		140	x	x	14	1	0		39	x	S 10 A	
	Paint Creek, Mis	2,612	1961	10	x	x	1	0	0		x	x	S 4 A	
	Aux Vases, Mis	2,735		80	x	x	8	0	0		x	x	S 15 A	
	Ohara, Mis	2,835		240	x	x	12	0	0		x	x	L 10 AC	
	Spar Mtn, Mis	2,880		50	x	x	3	1	0		x	x	L 10 AC	
	McClosky, Mis	2,870		100	x	x	6	0	0		38	0.24	L 9 AC	
	St. Louis, Mis	3,080		40	x	x	2	0	0		38	0.24	L 6 AC	
	2 or more pays						4	1	0					
Whittington S; Franklin; 5-6S; 3E	Cypress, Mis	2,580	1950	100	9	429	10	0	0	10	x	x	S 10 A	Mis 3,045
•Whittington W; Franklin; 5S; 2-3E			1943	520	48	1,485	38	0	0	19			A	Mis 3,535
	Benoist, Mis	2,615		10	x	x	1	0	0		x	x	S 10 AL	
	Renault, Mis		1961	30	x	x	4	0	0		x	x	L x A	
	Aux Vases, Mis	2,700		410	x	x	32	0	0		x	x	S 15 AL	
	Ohara, Mis	2,800		100	x	x	5	0	0		x	x	L 5 AC	
	Spar Mtn, Mis	2,780		40	x	x	2	0	0		x	x	L 4 AC	
	McClosky, Mis	2,900		60	x	x	3	0	0		x	x	L 6 AC	
	2 or more pays						8	0	0					
•Wilberton; Fayette; 5N; 2-3E			1959	600	89	886	54	3	0	52				Ord 4,528
	Borden, Mis	2,628	1963	10	x	x	1	0	0		x	x	S 38 x	
	Carper, Mis	3,203	1961	550	x	x	51	3	0		x	x	S 39 x	
	Lingle, Dev	3,466	1959	10	x	x	3	0	0		28	x	S 4 x	
	2 or more pays						1	0	0					
•Williams C; Jefferson; 2-3S; 2E			1948	410	30	1,134	42	0	2	34			A	Dev 4,578
	Benoist, Mis	2,490		170	x	x	14	0	1		x	x	S 10 AL	
	Aux Vases, Mis	2,550		290	x	x	29	0	1		x	x	S 5 AL	
	McClosky, Mis	x		20	x	x	1	0	0		x	x	L x AC	
	2 or more pays						3	0	0					
•Willow Hill E; Jasper; 6-7N; 10-11E	McClosky, Mis	2,645	1946	340	2	260	19	1	0	3	x	x	L 6 A	Mis 3,281
•Woburn C; Bond; 6-7N; 2W			1940	1,770	75	4,101	135	0	3	81			A	Ord 3,279
	Cypress, Mis	865		220	x	x	20	0	0		35	x	S 8 AL	
	Benoist, Mis	1,020		340	x	x	38	0	0		36	0.20	S 10 AL	
	Renault, Mis	1,047	1958	20	x	x	1	0	0		36	x	L x AL	
	Aux Vases, Mis	1,055	1956	100	x	x	4	0	0		x	x	S 10 AL	
	Lingle, Dev	2,275		1,040	x	x	56	0	4		35	x	S 8 AC	
	Trenton, Ord	3,170		400	x	x	19	1	0		38	0.27	L 12 AC	
	2 or more pays						2	1	0					
•Woodlawn; Jefferson; 2-3S; 1-2E			1940	1,980	200	16,704	191	0	3	101			A	Ord 5,101
	Tar Springs, Mis	x		20	x	x	2	0	0		x	x	S x AL	
	Cypress, Mis	1,800		80	x	x	3	0	0		x	x	S 10 AL	
	Benoist, Mis	1,960		1,900	x	x	173	0	3		38	0.16	S 25 A	
	Aux Vases, Mis	1,975		240	x	x	24	0	0		39	x	S 10 A	
	Spar Mtn, Mis	2,205		300	x	x	15	0	0		x	x	LS 15 A	
	McClosky, Mis	2,200		20	x	x	1	0	0		x	x	L 3 A	
	Lingle, Dev	3,690		240	x	x	11	0	0		39	x	S 6 A	

Xenia; Clay; 2N; 5E			1941	180	2	39	7	4	0	7				A	Dev	4,745
	Aux Vases, Mis	2,785	1941	10	x	x	1	0	0		35	0.19	S	13	A	
	Carper, Mis	4,230	1962	180	x	x	6	4	0		x	x	S	12	x	
Xenia E; Clay; 2N; 5E			1951	280	39	716	29	0	3	13				A	Mis	4,620
	Cypress, Mis	2,500		200	x	x	18	0	2		x	x	S	6	AL	
	Benoist, Mis	2,710		90	x	x	9	0	1		x	x	S	6	AL	
	Renault, Mis	2,755	1959	20	x	x	2	0	0		x	x	S	15	AL	
	Aux Vases, Mis	2,741	1960	30	x	x	3	0	0		x	x	S	10	A	
	2 or more pays						3	0	0							
•York; Cumberland, Clark; 9-10N; 10-11E, 14W	Isabel, Pen	590	1907	410	x	x	78	0	0	13	30	x	S	15	AM	Dev	2,642
	See Clark County Division for Production. Abd 1945; rev 1950															
•Zeigler; Franklin; 7S; 2E	Aux Vases, Mis	2,614	1963	290	251	546	29	1	0	29	x	x	S	19	x	Mis	2,808
Zenith; Wayne; 2N; 5E	McClosky, Mis	2,970	1948	40	0	24	2	0	0	0	x	x	L	7	AC	Mis	3,059
	Abd 1956															
Zenith E; Wayne; 1N; 6E	Spar Mtn, Mis	3,170	1965	180	49	49	9	9	0	9	x	x	L	10	x	Mis	3,268
•Zenith N; Wayne; 2N; 6E			1951	280	17	977	14	0	0	10				N	Mis	3,254
	Spar Mtn, Mis	3,080		240	x	x	12	0	0		x	x	L	6	NC	
	McClosky, Mis	3,140		180	x	x	6	0	0		x	x	L	4	NC	
	2 or more pays						4	0	0							
Zenith S; Wayne; 1N; 5E			1949	280	0.6	765	14	0	0	1				M	Mis	3,116
	Ohara, Mis	2,920		40	x	x	2	0	0		x	x	L	6	MC	
	McClosky, Mis	2,985		280	x	x	12	0	0		x	x	L	7	MC	
	2 or more pays						2	0	0							
Totals for 1965				635,455	63,708	2,595,336	61,438	636	1,112	29,035						

TABLE 9 — ILLINOIS GAS POOL STATISTICS, 1965

Explanation of Abbreviations and Symbols

Pool: N, North; S, South; E, East; W, West; C, Consolidated. Pools located in two or more counties have county names listed in order of discovery.

Age: Pc, Precambrian; Cam, Cambrian; Ord, Ordovician; St. P, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.

Kind of rock in pay zone: D, dolomite; L, limestone; LS, sandy limestone; S, sandstone.

Abd: Pool abandoned.

Rev: Pool revived.

Structure: A, anticline; D, dome; F, faulting an important factor in gas accumulation; f, faulting a minor factor in gas accumulation; L, lens; M, monocline; R, reef; X, structure not determined. Combinations of the letters are used where more than one factor applies.

x Correct figure not determinable.

* Pool also listed in table 8 (oil production).

†† Gas storage project. Amount of native gas produced not determinable.

** Pilot storage in St. Peter.

Pool; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Kind of rock	Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year		Av. thickness (ft)	Structure	Zone and depth	(ft)
Albion C*; Edwards, White; 3S; 10E	Pennsylvanian,Pen	1,490	1940	40	0	0	1	0	0	0	S	6	MF	Dev	5,185
Ashmore S* ††; Clark, Coles; 12N; 10-11E, 14W			1958	460	x	x	23	0	0	x			A	Mis	555
	Unnamed, Pen	430	1958	440	x	x	22	0	0		S	x	A		
	Osage, Mis	385	1963	20	x	x	1	0	0		S	x	x		
Ava-Campbell Hill*; Jackson; 7S; 3-4W	Cypress, Mis	780	1916	370	0	x	20	0	0	0	S	18	A	Trn	3,582
					Abd 1943; rev (oil) 1956; abd 1957										
Ayers Gas; Bond; 6N; 3W	Benoist, Mis	940	1922	325	0	298.7	21	0	0	0	S	5	A	Ord	3,044
					Abd 1950										
Beaver Creek N*; Bond; 4N; 2W	Benoist, Mis	1,132	1965	40	0	0	1	1	0	0	S	x	x		
Beaver Creek NE Gas††; Bond; 4N; 2W	Benoist, Mis	1,126	1961	70	x	x	7	0	0	x	S	5		Sil	2,487
Beaver Creek S*; Bond, Clinton; 3-4N; 2W	Cypress, Mis	1,015	1946	240	0	0	6	0	0	0	S	20	A	Dev	2,539
Beckemeyer Gas*; Clinton; 2N; 3W	Cypress, Mis	1,070	1956	80	0	0	2	0	0	0	S	23	x	Sil	2,730
					Abd 1958										
Beverly Gas; Adams; 3S; 5W	Silurian, Sil	450	1957	80	0	0	2	0	1	0	L	6	x	St.P	840
Boulder*; Clinton; 2-3N; 2W	Geneva, Dev	2,630	1941	320	0	0	4	0	0	0	D	7	R	Trn	3,813
Boulder E*; Clinton; 3N; 1W	Devonian, Dev	2,840	1957	80	0	0	2	1	0	0	L	12	x	Sil	2,895
					Abd 1957										
Carlinville*; Macoupin; 9N; 7W	Unnamed, Pen	365		60	0	0	6	0	0	0	S	x	A	Mis	1,380
					Abd 1925; rev 1942										
Carlinville N*; Macoupin; 10N; 7W	Pottsville, Pen	440	1941	40	0	0	1	0	0	0	S	10	x	Trn	1,970
					Abd 1954										
Carlyle*; Clinton; 2N; 3W	Cypress, Mis	1,015	1958	10	0	x	1	0	0	0	S	x	AL	St.P	4,120
Casey*; Clark	Casey, Pen	440		x	0	x	x	0	0	0	S	x	AM		
Claremont; Richland; 3N; 14W	Spar Mtn, Mis	3,200	1950	160	0	0	1	0	0	0	L	5	MC	Mis	3,340
					Abd 1952										

Cooks Mills C* ††; Coles, Douglas; 14N; 7-8E			1941	950	0	1,895.4	23	0	0	0			A	Dev	2,888
	Cypress, Mis	1,600		680	0	x	14	0	0		S	10	A		
	Aux Vases, Mis	1,800		40	0	x	1	0	0		S	8	A		
	Spar Mtn, Mis	1,765		450	0	x	6	0	0		S	15	A		
	2 or more pays				0	x	3	0	0						
Dubois C*; Washington; 3S; 1-2W	Cypress, Mis	1,220	1939	400	0	0	10	0	0	0	S	10	AL	Ord	4,217
Dudley*; Edgar; 14N; 13W	Pennsylvanian,Pen	300	1948	120	0	x	3	1	0	0	S	20	M	St.P	2,997
Dudley W Gas; Edgar; 13N; 13W	Cas, Pen	380	1953	120	0	0	3	0	0	0	S	11	x	Pen	428
Eden Gas; Randolph; 5S; 5W	Cypress, Mis	875	1962	1,000	0	0	15	0	0	0	S			Mis	2,377
Eldorado C*; Saline; 8S; 7E			1941	300	0	3,673.5	15	0	0	0			A	Mis	3,606
	Palestine, Mis	1,920		120	0	0	3	0	0		S	20	AL		
	Waltersburg, Mis	2,055		80	0	0	2	0	0		S	20	AL		
	Tar Springs, Mis	2,225		40	0	0	3	0	0		S	17	AL		
	Hardinsburg, Mis	2,353	1962	120	0	0	3	0	0		S	5			
	Cypress, Mis	2,460		80	0	0	2	0	0		S	20	x		
Eldorado E*; Saline; 8S; 7E			1953	120	0	473.7	2	0	0	0			A	Mis	3,102
	Palestine, Mis	1,900		80	0	0	1	0	0		S	30	AL		
	Tar Springs, Mis	2,135		40	x	x	4	0	0		S	20	AL		
	2 or more pays						1	0	0						
Eldorado W*; Saline; 8S; 6E	Palestine, Mis	1,923	1960	10	0	0	1	0	0	0	S	27	x	Mis	3,138
Fishhook Cas; Adams, Pike; 3-4S; 4-5W	Edgewood, Sil	450	1955	7,260	0	0	69	0	0	0	L	5	x	St.P	1,018
Freeburg* ††; St. Clair; 1-2S; 7W	Cypress, Mis	380	1956	700	x	x	29	0	0	0	S	30	x	Ord	2,008
Gillespie-Benld (Gas)††; Macoupin; 8N; 6W	Unnamed, Pen	540	1923	80	0 Abd 1935	135.8	5	0	0	0	S	x	A	Pen	603
Gillespie W; Macoupin; 8N; 7W	Unnamed, Pen	525	1958	10	0	0	1	0	0	0	S	x	x	Pen	565
Grandview*; Edgar; 12-13N; 13W			1945	400	0	x	12	0	0	0			M	Ord	2,694
	Gas, Pen	400		360	0	x	11	0	0		S	x	ML		
	Salem, Mis	570		40	0	x	1	0	0		L	2	ML		
Greenville Gas*; Bond; 5N; 3W	Lindley (1st & 2nd), Mis	925	1910	180	0 Abd 1923; rev 1957; abd 1958	990.0	4	0	0	0	S	x	A	Trn	3,184
Harco, Harco E and Raleigh S*; Saline; 8S; 5E	X, Mis	x	1954	x	0	2,039.3	x	0	0	0				Mis	3,107
Harrisburg*; Saline; 8S; 6E	Tar Springs, Mis	2,085	1952	160	0	93.2	1	0	0	0	S	6	x	Mis	2,789
Herald C*; Gallatin, White; 6-8S; 9-10E			1939	1,080	0	x	19	0	0	0			A	Mis	3,394
	Anvil Rock, Pen	700		360	0	x	9	0	0		S	25	AL		
	Pennsylvanian,Pen	1,750		120	0	x	3	0	0		S	18	AL		
	Waltersburg, Mis	2,240		120	0	x	3	0	0		S	10	A		
	Tar Springs, Mis	2,315		480	0	x	4	0	0		S	6	AL		
Hutton*; Coles; 11N; 10E	Pennsylvanian	620	1965	80	0	0	2	2	0	0	S	x	x		
Inclose*; Clark, Edgar; 12N; 13-14W	Pennsylvanian	540	1941	320	0	x	8	0	0	0	S	12	x	Mis	815
Jacksonville (Cas)*; Morgan; 15N; 9W	Cas, Pen, Mis	330	1910	1,320	0 Abd 1939	x	45	0	0	0	LS	5	ML	Ord	1,390
Johnston City E; Williamson; 8S; 3E	Tar Springs, Mis	1,930	1965	40	x	x	1	0	0	x	S	10	x	Mis	2,968
Kansas Cas; Edgar; 13N; 14W	Unnamed, Pen	410	1958	30	0	x	3	0	0	0	S	x	x	Mis	778
Livingston East; Madison; 6N; 6W	Pennsylvanian,Pen	540	1951	60	0	0	3	0	0	0	S	12	x	Mis	815

TABLE 9 — ILLINOIS GAS POOL STATISTICS, 1965 — Continued

Pool; county; location by township and range	Pay zone		Year of discovery	Area proved in acres	Gas production million cu ft		Number of wells				Kind of rock	Pay zone		Deepest test	
	Name and age	Depth (ft)			During 1965	To end of 1965	Completed to end of 1965	Completed in 1965	Abandoned 1965	Producing end of year		Av. thickness (ft)	Structure	Zone and depth (ft)	
Livingston S*; Madison; 6N; 6W	Pennsylvanian,Pen	530	1950	40	0	0	1	0	0	0	S	2	ML	Mis	845
Louden*; Fayette; 7N; 3E			1937	1,760	0	x	14	0	0	0			A	St.P	4,680
	Burtschi, Pen	1,000		320	0	x	5	0	0		S	20	AL		
	Tar Springs, Mis	1,170		1,440	0	x	9	0	0		S	2	AL		
Main C*; Crawford, Lawrence; 5-8N; 10-14W			1906	x	x	x	x	2	1	0			M	St.P	4,654
	Robinson, Pen	1,000		x	0	0	x	0	0		S	x	ML		
	Hardinsburg, Mis	1,075		160	0	x	1	0	0		S	40	ML		
	Cypress, Mis	1,425		320	0	x	2	0	0		S	6	ML		
	Aux Vases, Mis	1,527	1959	50	0	x	5	0	0		S	8	ML		
Marissa W (Gas)*; St. Clair; 3S; 7W	Cypress, Mis	241	1960	60	0	x	6	0	0	0	S	25		Ord	2,413
Mt. Olive*; Montgomery; 8N; 5W	Pottsville, Pen	605	1942	100	0	x	4	0	0	0	S	6	A	Dev	1,819
New Athens Gas; St. Clair; 2S; 7W	Cypress, Mis	250	1961	160	0	0	4	0	0	0	S	13		Mis	311
Omaha*; Gallatin; 7-8S; 8E	Tar Springs, Mis	1,900	1940	120	25	76.2	3	0	0	1	S	15	D	Mis	2,941
Panama*; Bond, Montgomery; 7N; 3-4W			1940	280	0	x	7	0	0	0			A	Dev	2,016
	Pennsylvanian,Pen	575		160	0	x	4	0	0		S	30	A		
	Benoist, Mis	865		120	0	x	3	0	0		S	12	A		
Pittsburg N Gas*; Williamson; 8S; 3E	Hardinsburg, Mis	2,151	1962								S	6		Mis	2,836
Pittsfield (Gas); Pike; 5S; 4-5W	Niagaran, Sil	265	1886	8,960	0 Abd 1930	x	68	0	0	0	L	10	A	Pc	2,226
Plainview*; Macoupin; 8N; 8W	Pennsylvanian	441	1961	10	0	0	1	0	0	0	S	20	x	Pen	462
Prentice*; Morgan; 16N; 8W	Pennsylvanian,Pen	260	1953	290	0	0	7	0	0	0	S	15	x	Ord	1,513
Raleigh*; Saline; 8S; 6E	Waltersburg, Mis	2,307	1962	40	67	151.7	1	0	0	1	S	7			
Redmon N; Edgar; 14N; 13W	Pennsylvanian,Pen	365	1955	40	0	0	1	0	0	0	S	3	x	Mis	450
Richwood (Gas); Crawford; 6N; 11W	Pennsylvanian,Pen	612	1959	20	0	28.6	3	0	0	0	S	9	x	Pen	1,001
Roland C*; Gallatin; 7S; 8E	Waltersburg, Mis	2,150	1940	160	0	0	1	0	0	0	S	19	AL	Dev	5,225
Russellville Gas*; Lawrence; 4-5N; 10-11W			1937	1,800	0 Abd 1949	7,081.6	60	0	0	0			A	Dev	3,133
	Bridgeport, Pen	760		x	0	x	18	0	0		S	15	AL		
	Buchanan, Pen	1,100		x	0	x	42	0	0		S	12	AL		
St. Libory; St. Clair; 1S; 6W			1964	240	0	0	7	3	0	0				Sil	1,997
	Cypress, Mis	622	1965	40	0	0	1	1	0		S	11	x		
	Benoist, Mis	754	1964	40	0	0	1	0	0		S	22	x		
	Aux Vases, Mis	825	1964	120	0	0	3	2	0		S	10	x		
	2 or more pays						1	0	0						
Spanish Needle Creek (Gas); Macoupin; 9N; 7W	Unnamed, Pen	305	1915	80	0 Abd 1934	14.4	7	0	0	0	S	x	D	Trn	2,070

Sparta*; Randolph; 4-5S; 5-6W	Cypress, Mis	850	1888	160	0 Abd 1900	x	18	0	0	0	S	7	D	Trn	3,130
Staunton (Gas)*; Macoupin; 7N; 7W	Unnamed, Pen	460	1916	400	0 Abd 1919	1,050.0	18	0	0	0	S	x	A	Ord	2,371
Storms C*; White; 5-6S; 9-10E			1939	440	0	x	9	0	1	0			A	Mis	3,267
	Gas, Pen	1,090		170	0	x	2	0	0		S	40	Af		
	Waltersburg, Mis	2,230		280	0	x	7	0	1		S	15	AL		
Stubblefield S*; Bond; 4N; 4W	Cypress, Mis	920	1962	160	0	0	4	2	0	0	S	x	x		
Sumner S (Gas); Lawrence; 3N; 13W	Aux Vases, Mis	2,566	1959	40	0	0	2	0	0	0	S	10		Mis	2,791
Tamaroa*; Perry; 4S; 1W	Cypress, Mis	1,120	1942	20	0	0	2	0	0	0	S	13	AL	Mis	1,630
Tilden N Gas††; Washington, St. Clair; 3S; 5-6W	Cypress, Mis	780	1961	x	x	x	x	x	x	x	S	25		Ord	2,810
Waggoner*; Montgomery; 11N; 5W	Pottsville, Pen	523	1959	10	0	0	1	0	0	0	S	2	x	Dev	1,893
Wamac East* ††; Marion; 1N; 1E	Petro, Pen	856	1958	90	x	x	9	0	0	0	S	x	M	Dev	3,405
Waverly* **; Morgan; 13N; 8W			1946	900	0	0	8	0	0	0			A	Ord	2,070
	Pennsylvanian,Pen	250		160	0	0	1	0	0		S	13	AL		
	Devonian, Dev	1,000		700	0	0	6	0	0		L	10	A		
	Trenton, Ord	1,513	1963	40	0	0	1	0	0		L	x	x		
Westfield E*; Clark; 12N; 14W	Pennsylvanian,Pen	400	1947	50	0	0	2	0	0	0	S	11	ML	Pen	678
Total for Illinois (estimated)				34,235	92	18,941.2	667	11	2	2					

PART II. WATERFLOOD OPERATIONS

T. F. Lawry and Richard F. Mast

INTRODUCTION

Part II is the seventeenth consecutive annual review of fluid injection operations for petroleum recovery in Illinois. Waterflooding continues to play a major role in the oil industry in the State.

In 1965, fluid injection projects, excluding dump floods and pressure maintenance projects, produced 43,729,000 barrels of oil. Of this oil, 43,031,000 barrels were reported by operators and 698,000 barrels were estimated from projects which had not been reported in time to be included in this report.

The cooperation of the producers and operators in compiling the data and making the information available to the Geological Survey is gratefully acknowledged.

SUMMARY OF WATERFLOOD OPERATIONS

Of the 63,708,000 barrels of oil produced in Illinois during 1965, approximately 43,729,000 barrels, or 68.6 percent, was reported by controlled waterfloods operating during the year. Dump floods accounted for approximately 500,000 barrels of oil, and pressure maintenance projects produced 777,000 barrels of oil.

At the end of 1965, there were 933 active waterflood projects in operation. During 1965, 115 new projects were reported, either as operations initiated during 1965 or reported for the first time. The new projects were offset partially by 35 abandonments during the year.

Acreage brought under fluid injection by these new waterflood starts was 32,721, bringing the total to 340,097 acres under fluid injection, including pressure maintenance and abandoned waterfloods.

Table 10, Project Numbers by County and Summary of Waterflood Projects in 1965, is a list of most of the counties in Illinois which produce oil. The numerical index by which waterflood projects are cataloged is shown as well as a summary of fluid injection operations.

Table 11, Illinois Waterfloods Initiated Prior to 1965, presents annual and cumulative data on water injection, oil and water production, and some operational information.

Table 12, Illinois Waterflood Projects Initiated During 1965, lists those projects reported for the first time in 1965. A more complete review of reservoir data is given for the new projects.

Table 13, Illinois Pressure Maintenance Projects Using Water Injection During 1965, lists those projects which have used fluid injection to attempt to obtain maximum recovery of oil by maintaining reservoir pressure during the primary life of the project. This table was revised during 1965 to portray more accurately the pressure maintenance projects.

Table 14, Illinois Waterfloods Reported Abandoned, presents those projects already terminated. In addition to many successful waterflood operations reported, the table includes areas in which the pay zone failed to respond to fluid injection.

Table 15, Summary of Waterflood Statistics, 1949-1965, is a tabulation of summary totals by years, showing the relative growth of fluid injection in Illinois during the years 1949-1965.

Table 16, Illinois Waterflood Operations by Counties, is a computer analysis of 1965 data from reporting waterflood projects on a county by county basis.

Figure 4 (p. 121-130) shows the oil and gas fields in Illinois and the areas of waterflood and pressure maintenance operations during 1965.

CONCLUSIONS

While secondary methods of oil recovery in Illinois continued to play a dominant role in the oil industry in the State during 1965, the loss of some 4,200,000 barrels of oil compared to 1964 was a disturbing factor, although not entirely unanticipated in view of the over-all loss of 6.4 million barrels for the year.

There seems to be no unique reason for the decline in waterflood oil other than the fact that some of the older, significant projects are approaching their economic limit.

Although there was much interest manifested by many operators in the recovery of oil by tertiary recovery methods, there were no new projects known by the Geological Survey to have been initiated during 1965. The secrecy which usually surrounds such projects may have served to make some experimental work obscure.

Data for tables 10-16 were key-punched and then tabulated by computer.

ABBREVIATIONS

The following abbreviations have been used in tables 10 through 16:

abd - abandoned
adj - adjusted
coop - cooperates, cooperating
cum - cumulative
disc - discontinued
est - estimate, estimated
excl - excludes, excluding, excluded
form - formerly
incl - includes, including, included
inj - injection
op - operator
prev - previous
prim - primary
prod - production
temp - temporary, temporarily

TABLE 10 — PROJECT NUMBERS BY COUNTY AND SUMMARY OF WATERFLOOD PROJECTS IN 1965

No.	County	Active water floods	Active pressure maintenance	Abandoned	Total
000	Bond	1	0	4	5
100	Christian	4	0	0	4
200	Clark	12	0	14	26
300	Clay	44	0	10	55
400	Clinton	14	1	4	19
500	Coles	19	0	1	20
600	Crawford	83	0	24	107
700	Cumberland	4	0	3	7
800	Douglas	2	0	0	2
900	Edgar	0	0	0	0
1000	Edwards	28	1	5	35
1100	Effingham	9	0	0	9
1200	Fayette	49	1	3	53
1300	Franklin	24	0	3	27
1400	Gallatin	28	1	9	38
1500	Hamilton	58	0	10	62
1600	Hancock	0	0	0	0
1700	Hardin	0	0	0	0
1800	Jackson	0	0	0	0
1900	Jasper	14	0	5	19
2000	Jefferson	18	1	5	24
2100	Johnson	0	0	0	0
2200	Lawrence	94	0	7	101
2300	Macon	0	0	1	1
2400	Macoupin	1	0	0	1
2500	Madison	6	0	1	7
2600	Marion	25	0	2	27
2700	McDonough	0	0	0	0
2800	Monroe	0	0	0	0
2900	Montgomery	0	0	0	0
3000	Moultrie	0	0	0	0
3100	Perry	2	0	0	2
3200	Pope	0	0	0	0
3300	Randolph	0	0	0	0
3400	Richland	19	0	14	33
3500	St. Clair	0	0	0	0
3600	Saline	17	0	3	20
3700	Sangamon	0	0	0	0
3800	Shelby	2	0	0	2
3850	Wabash	105	0	26	131
4000	Washington	9	0	1	9
4100	Wayne	80	0	19	82
4200	White	162	0	36	198
4500	Williamson	0	0	0	0
	Totals	933	5	207	1,145

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4101	Aden C	Texaco, Inc.	Wayne	Aden S	8-46	Aux Vases	8,9,16,17,20-3S-7E
4102	Aden C	Texaco, Inc.	Wayne	Aden S	8-46	McClosky	8,9,16,17,20-3S-7E
4181	Aden C	Texaco, Inc.	Wayne	N Aden U	1-64	Aux Vases	28,32,33-2S-7E,4,5-3S-7E
4182	Aden C	Texaco, Inc.	Wayne	N Aden U	1-64	McClosky	28,32,33-2S-7E,4,5-3S-7E
4158	Aden C	Whaley Oil Co.	Wayne	S.W. Fairfield U*	2-62	Aux Vases	22-2S-7E
1311	Akin	C.E. Brehm	Franklin	Akin SE U	10-61	Aux Vases	25-6S-4E
1317	Akin	Stewart Oil Co.	Franklin	U.S. Coal and Coke	5-62	Cypress	23-6S-4E
1001	Albion C	Continental Oil	Edwards	S Albion Biehl U	12-55	Biehl	1,2-3S-10E
1011	Albion C	Continental Oil	Edwards	S Albion L Biehl U	4-51	Biehl	1-3S-10E;35,36-2S-10E
1026	Albion C	N.V. Duncan	Edwards	Maxwell-Mossbarger	6-62	Bethel	15-3S-10E
1002	Albion C	Jarvis Br. & Marcell	Edwards	H. Wick	7-51	McClosky	24-2S-10E
1000	Albion C	Mobil Oil Corp.	Edwards	Biehl U 2	9-50	Biehl	14-3S-10E
4200	Albion C	Mobil Oil Corp.	White	Biehl U 1	6-48	Biehl	22,23-3S-10E
1018	Albion C	Rebstock Oil Co.	Edwards	E Albion U	11-59	Aux Vases	36-1S-10E,31-1S-11E
1003	Albion C	Superior Oil	Edwards	S Albion SRPU 1	1-55	Biehl, Waltersburg	25,36-2S-10E,30,31-2S-11E
1004	Albion C	Superior Oil Co.	Edwards	S Albion U 2	8-56	Aux Vases	1,2,11,12-3S-10E
1005	Albion C	Superior Oil Co.	Edwards	S Albion U 2	8-56	Biehl	1,2,11,12-3S-10E
1012	Albion C	Superior Oil Co.	Edwards	S Albion U 2	8-56	Bridgeport	1,2,11,12-3S-10E
1024	Albion C	Superior Oil Co.	Edwards	S Albion U 2	6-60	Waltersburg	1,2,11,12-3S-10E
1030	Albion C	Texaco, Inc.	Edwards	Barnes East	11-63	Waltersburg	24-2S-10E
1006	Albion C	Tidewater Oil	Edwards	SW Albion Biehl SD U	1-55	Biehl	2,11,14-3S-10E
4353	Albion C	P.O. Wall	White	Grayville W	5-62	Cypress	22-3S-10E
3883	Allendale	Adams Oil Co.	Wabash	G.D. Adams	5-64	Cypress	16-1N-12W
3950	Allendale	Ashland Oil	Wabash	A. Alka	9-55	Biehl	13-1N-12W
3969	Allendale	Ashland Oil	Wabash	Friendsville Coop.	10-60	Biehl	30-1N-12W
3905	Allendale	Forest Oil Corp.	Wabash	Allendale (flood 19)	6-55	Biehl, Jordan	3,4,9,10-1N-12W
3900	Allendale	Cecil A. Hamman	Wabash	Gilliat Comm.	11-54	Biehl	13-1N-12W
3906	Allendale	Illinois Oil Co.	Wabash	Young	1-58	Biehl	1-1N-12W
3996	Allendale	Illinois Oil Co.	Wabash	Sparks-Peter U	10-62	Biehl	36-2N-12W
3964	Allendale	Indiana Farm Bureau	Wabash	Allendale U	7-59	Bethel	13-1N-12W
3992	Allendale	Indiana Farm Bureau	Wabash	Keyser 'B'	7-59	Biehl	13-1N-12W
3951	Allendale	Dayton Loeffler	Wabash	Allendale W U	3-58	Biehl	8-1N-12W
3993	Allendale	Royalco, Inc.	Wabash	Stillwell-Courter U	1-62	Waltersburg, Cypress	21,22-1N-12W
2231	Allendale	Wayne Smith	Lawrence	Sand Barren U 1	9-57	Biehl, Jordan	26-2N-12W
2232	Allendale	Wayne Smith	Lawrence	Sand Barren U 2*	6-58	Biehl, Jordan	23,26-2N-12W
3903	Allendale	Wayne Smith	Wabash	Taylor-Wheatley	6-57	Biehl, Jordan	7,18-1N-12W
3908	Allendale	Wayne Smith	Wabash	Shaw-Smith-Nigh	9-57	Biehl, Jordan	35-2N-12W
3898	Allendale	Tamarack Pet. Co.	Wabash	Hershey-Cogan	7-62	Cypress	35-2N-12W
3899	Allendale	Tamarack Pet. Co.	Wabash	A. Hershey	7-62	Cypress	34-2N-12W
3966	Allendale	Tamarack Pet. Co.	Wabash	Cogan	6-60	Biehl, Jordan	35-2N-12W
3978	Allendale	Tamarack Pet. Co.	Wabash	Cogan	9-61	Cypress	35-2N-12W
3973	Allendale	Universal Op., Inc.	Wabash	S Allendale U	3-61	Biehl	15-1N-12W
3909	Allendale	Wolop Oil Co.	Wabash	Allendale U	9-53	Biehl, Jordan	3-1N-12W
100	Assumption C	Continental Oil	Christian	Benoist	7-50	Benoist	3,4,9,10,15,16,21-13N-1E
101	Assumption C	Continental Oil	Christian	Devonian	5-55	Lingle	3,9,10-13N-1E
102	Assumption C	Continental Oil	Christian	Rosiclare	6-55	Spar Mtn	9,10-13N-1E
4170	Barnhill	Ashland Oil	Wayne	Boze U	10-63	Aux Vases	27,28,34-2S-8E
4171	Barnhill	Ashland Oil	Wayne	Caldwell U	10-63	Aux Vases	34-2S-8E
4104	Barnhill	Willets and Paul	Wayne	Barnhill U	10-56	Aux Vases	27,28-2S-8E
402	Bartelso	H.S. Woodard, Sr.	Clinton	H.S. Woodard, Trustee	1-54	Cypress	5,8-1N-3W
4005	Beaucoup S	Shell Oil Co.	Washington	Beaucoup S U	11-60	Benoist	33,34-2S-2W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
145	6,125	11.1	1,048	241*	8,396*	3.1	1,400	3,200	42.9	*	Incl. 4102.	4101
93	6,497	10.8	659	*	*	6.6	1,400	3,350	58.0	*	Incl. with 4101.	4102
2,325	3,497	254.6	273	1,679	1,778	28.0	1,480	3,150	76.8	*	Incl. 4182.	4181
2,220	4,060	*	*	*	*	29.2		3,350	20.0	*	Incl. with 4181.	4182
	445		42		108			3,250	50.0	*	No data 1965.	4158
374	1,163	27.2	100*					3,120	23.0	*	Incl.prim.prod.since 1-62.	1311
115	259	7.0	14	37	150	10.8	797	2,840	40.0			1317
171	1,975	14.7	412	148	1,108	13.0	1,200	2,075	55.0			1001
176	2,522	6.2	667*	58	1,965	26.0	1,200	2,080	60.0	*	Incl.prim.prod.since 4-51.	1011
28	113	1.1	9			10.9		3,000	30.0			1026
74	729*	3.0	57	74	436	20.2		3,150		*	Excl. 1955, 1956.	1002
139	3,940	5.0	526	90*	2,132	12.8		1,900	50.0	*	1963, 1964 est.	1000
215	7,475	23.0	1,164	108*	1,830*	13.9		1,900	85.0	*	1963, 1964 est.	4200
111	1,545	12.3	179	27	405	3.5		3,000	56.7			1018
693	5,204	118.2	1,600	329	1,827		1,500	2,025 2,400	27.7			1003
74	1,291	98.7*	1,513*	1,330*	10,026	19.1	1,600	3,050	20.0	*	Incl. 1005, 1012, 1024.	1004
432	3,505	*	*	*	*	18.6	1,500	2,050	20.0	*	Incl. with 1004.	1005
590	5,446	*	*	*	*	26.8	1,600	1,870	51.4	*	Incl. with 1004.	1012
257	1,452	*	*	*	*	22.7	1,600	2,400	45.0	*	Incl. with 1004.	1024
236	544	12.1	33*	276	537	32.5		2,370	40.0	*	Incl.prim.prod.since 1-1-63.	1030
1,201	9,587	56.9	1,348*	737	5,517	11.1	1,000	1,850	22.3	*	Incl.prim.prod.since 5-56.	1006
212	816	16.4	36	16	153	18.5	1,200	2,850	75.0			4353
35	78	11.2	15	9	17	9.0	200	1,996	60.0			3883
164	964	3.2	97*	52	258	30.0	480	1,475	20.0	*	Incl.prim.prod.since 9-55.	3950
579	2,430	29.8	203	501	2,105	103.0	800	1,600	40.0			3969
606	25,500	74.9	1,645			5.5	960	1,465 1,495	25.0			3905
167	1,225	4.8	131			15.3		1,485	12.5			3900
266	2,828	8.2	156	81		8.0	1,000	1,375	20.0			3906
193	527	9.3*	33	161*	161	12.0	1,000	1,375	16.7	*	1965data incl.Cyp&Waltersburg.	3996
542	2,998	21.8	276	259*	392*		1,600	2,120	20.0	*	Estimated.	3964
102	249	3.6	19*	90	155	27.8	720	1,450	60.0	*	Incl.prim.prod.since 7-59.	3992
369	2,547	33.4	471	283	1,283	12.8	650	1,500	20.0			3951
269	1,044	14.3	62	90	172	11.2	700	2,000 2,030	10.0			3993
224	1,815	21.3	229	202	1,586			1,300 1,340	7.5			2231
	218*		51*					1,280 1,320	22.0	*	No data 1964, 1965.	2232
139	988	9.0	209	130	779		800	1,400 1,440	10.0			3903
139	1,384	3.5	113	136	1,270			1,380 1,420	22.5			3908
42	105*	3.3	10*	20	56*	11.5	1,010	1,920	20.0	*	Incl.project 3979, abd.1963.	3898
42	122	6.7	15	34	79	14.6	1,090	1,920	20.0			3899
255	902	17.5*	156*	248*	756*		940	1,380 1,440	9.0	*	Incl. 3978.	3966
32	186	*	*	*	*	12.9	360	1,920	10.0	*	Incl. with 3966.	3978
166	710	4.1	35*			5.8	1,190	1,480	16.7	*	Incl.prim.prod.since 1961.	3973
216	4,720	6.6*	244*	232	3,155			1,538 1,550	13.3	*	Data estimated 1-1-64to5-1-65.	3909
*	7,313	16.9	1,299	50	2,613			1,050	10.0	*	Inj. temp. suspended 11-62.	100
874	8,199	274.6	1,201	516	1,967	8.0	700	2,300	27.0			101
316	1,883	100.4	859	274	1,811	24.0	500	1,150	69.0			102
111	195	13.2	17	60	87	7.2	800	3,300	40.0			4170
229	412	7.7	13	53	68	7.0	320	3,560	33.3			4171
426	3,641	16.5	479	297	1,560	6.9	1,550	3,253	19.1			4104
112	1,246	3.7	310	107	1,521	2.5	550	1,000	16.0			402
589	2,759	30.9	204*	497	2,256	45.0	283	1,440	51.1	*	Incl.prim.prod.	4005

Project no.	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
	Ceneral information						
409	Beaver Creek	T.M. Conrey, Jr.	Clinton	Reinkensmeyer	6-59	Benoist	14-3N-3W
405	Beaver Creek S	T.M. Conrey, Jr.	Clinton	Kneier-Ragland	1-56	Benoist	12,13-3N-3W
600	Bellair	K-Loo Oil Co.	Crawford	Bellair	7-48	Bellair "500"	2,11,12-6N-14W
601	Bellair	Union Oil Calif.	Crawford	Fulton (Bellair)	7-48	Bellair "500"	1,2,11,12-8N-14W
1300	Benton	Shell Oil Co.	Franklin	Benton U	11-49	Tar Springs	23,24,25,26,35,36-6S-2E; 18,30, 31-6S-3E
1314	Benton	Shell Oil Co.	Franklin	Shell-Benton Deep	5-62	Aux Vases, Ohara, McClosky	25,26,35,36-6S-2E
2000	Boyd	Superior Oil Co.	Jefferson	Boyd Field U	3-55	Aux Vases	13,24,25-1S-1E;18,19,20,29, 30-1S-2E
2001	Boyd	Superior Oil Co.	Jefferson	Boyd Field U	6-55	Benoist	13,24,25-1S-1E,18,19,20,29, 30-1S-2E
2615	Brown	Elmer Bierman	Marion	Leonard-Lancaster	7-60	Cypress	16-1N-1E
1021	Browns	Superior Oil Co.	Edwards	Browns U	11-59	Cypress	28,33-1S-14W
1022	Browns	Superior Oil Co.	Edwards	Browns U	11-59	Bethel	28,33-1S-14W
1023	Browns	Superior Oil Co.	Edwards	Browns U	2-60	Cypress	28,33-1S-14W
3894	Browns	Tartan Oil Co.	Wabash	Browns U*	11-62	Tar Springs	33-1S-14W
3914	Browns E	E.H. Morris	Wabash	South Bellmont*	4-56	Cypress	11,14-2S-14W
1550	Bungay C	Collins Bros.	Hamilton	South Bungay	8-64	Renault	34,35-4S-7E
1522	Bungay C	Marathon Oil Co.	Hamilton	Bungay U WF No. 1-A	5-61	Aux Vases	26,27,34,35-4S-7E
1530	Bungay C	Texaco, Inc.	Hamilton	J.A. Lynch	9-61	Aux Vases	16-4S-7E
3401	Calhoun C	Sam Tipps	Richland	Bohlander U*	6-50	McClosky	6,7-2N-10E
3423	Calhoun E	Alva C. Davis	Richland	Slunaker	8-65	McClosky	7-2N-11E
407	Carlyle N	T.M. Conrey, Jr.	Clinton	Kreitemeyer	1-55	Benoist	23-3N-3W
226	Casey	K.E. Bush	Clark	E.A. Shawver*	6-61	Carper	23,24-10N-14W
202	Casey	D.W. Franchot	Clark	N. Casey	12-53	Casey	33,34-11N-14W
4203	Centerville E	Consol. Oil and Gas	White	E. Centerville U	3-56	Tar Springs, Cypress, Bethel, Aux Vases	18-4S-10E
4379	Centerville E	Gulf Oil Corp.	White	E. Centerville U	1-63	Tar Springs, Hardinsburg, Cypress, Bethel, Aux Vases, McClosky	7,8,17-4S-10E
4394	Centerville E	Gulf Oil Corp.	White	Jones-Baird	10-63	Cypress	7-4S-10E
4376	Centerville E	Mobil Oil Corp.	White	Jones Estate	9-63	Tar Springs	7-4S-10E
2623	Central City	William Pfeffer	Marion	Pfeffer U	10-64	Petro.	8-1N-1E
403	Centralia	W.O. Morgan	Clinton	Centralia Field*	10-55	Benoist	35-2N-1W
412	Centralia	Fred Seip	Clinton	Rothmeyer,Buehler&Coe	11-60	Cypress	13-1N-1W
404	Centralia	Shell Oil Co.	Clinton	Centralia U	5-56	Cypress, Benoist	1,2,12-1N-1W,35,36-2N-1W
801	Chesterville E	T.W. George	Douglas	Arcola U*	9-61	Spar Mtn	5,6-14N-8E; 31-15N-8E
3428	Clay City C	Bradley Prod. Corp.	Richland	Onion Hill U	4-64	Aux Vases	1-4N-9E; 36-5N-9E
300	Clay City C	Continental Oil	Clay	N. Clay City U	6-55	McClosky	5,8-3N-8E
3403	Clay City C	Continental Oil	Richland	E. Noble U	5-55	Spar Mtn	10,11-3N-9E
4147	Clay City C	Cullum Oil Co.	Wayne	Robertson-Bing-Crews U	1-61	Aux Vases	27,28-1S-8E
4157	Clay City C	R.C. Davoust Co.	Wayne	S.W. Mt. Erie U	11-62	Aux Vases	4-1S-8E
4140	Clay City C	C.H. Dollerhide	Wayne	Barnard-Holman-Listen U	12-60	Aux Vases	10-1S-7E
4146	Clay City C	F. & W. Oil Co.	Wayne	Mt. Erie U	10-60	Aux Vases	33,34,35-1N-8E
4136	Clay City C	Farrar Oil Co.	Wayne	Blessing-Christman U	4-59	Aux Vases	31,32-1N-8E
4174	Clay City C	Farrar Oil Co.	Wayne	Molt	8-64	Aux Vases, McClosky	29-1N-8E
4110	Clay City C	Gen. American	Wayne	Covington U	6-55	Ohara, McClosky	19,25,30,31-1S-6E; 20,28,29, 32,33-1S-7E
1915	Clay City C	Gulf Oil Corp.	Jasper	Della Harvey	3-62	Spar Mtn	12-5N-9E
4141	Clay City C	Ill. Lse. Op., Inc.	Wayne	Miller-Thompson-Garrison*	3-60	Aux Vases	2-2N-7E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
	246	6.3	53	*	246			1,100	40.0	*	Inj. temp. suspended.	409
54	441	6.0	95			18.5		1,110	50.0			405
1,080	25,918	16.2	788	1,008		1.4		600	4.0			600
3,594	57,655	31.3	1,431	1,366	30,997	1.9		560	4.4			601
7,297	169,894	220.3	16,234	7,011	125,176	6.0	568	2,100	25.0			1300
708	2,113	120.5	458	273	728	12.0	1,141	2,760 2,810 2,890	46.9			1314
945	12,128	*	*	*	*	36.0	555	2,130	65.0	*	Incl. with 2001.	2000
1,422	53,266	60.0*	4,063*	1,422*	50,680*	25.0	650	2,065		*	Incl. 2000.	2001
37	137	3.7	16	37	131	10.0	960	1,650	40.0			2615
170	1,987	29.7*	363*	67*	720*	9.5	1,550	2,640	32.0	*	Incl. 1022, 1023.	1021
99	1,099	*	*	*	*	14.2	1,550	2,780	58.7	*	Incl. with 1021.	1022
129	467	*	*	*	*	17.0	1,500	2,720	56.0	*	Incl. with 1021. No inj. 2-63 to 5-64.	1023
	15		2					2,300	50.0	*	No data 1964 to 1965. Project in suspense.	3894
	328		229*					2,560	10.7	*	No data 1965. Oil incl. prim. prod.	3914
391	713	14.3	23	37	48	26.0	900	3,280	30.0			1550
1,123	5,555	90.8	672	1,313	2,999	9.5	525	3,300	20.5			1522
230	1,773	15.9	60	92	567	6.1	800	3,300	40.0			1530
	2,175*		235*		1,681*			3,130		*	No data reported since 1959.	3401
47	47	.3	1	4	4	17.1		3,268	84.0			3423
48	288	1.9	25			18.9		1,142	10.0			407
	49		105		70			1,345		*	No data 1965.	226
240	2,413	2.9	32			2.2	230	290	4.4			202
733	5,275	96.2	725	766	2,863	11.0	1,525	2,470 2,850 2,960 3,075	12.5			4203
3,063	10,113	382.0	1,299	2,261	4,275		2,000	2,460 2,632 2,850 2,980 3,080 3,225	15.0			4379
190	491	20.3	53	120	176	8.7	2,000	2,913	25.0			4394
136	348	50.1	75	6	7	11.6		2,500	12.5			4376
7	8	1.8	2	7	7	.9		864	60.0			2623
			53					1,368	40.0	*	No data 1962-1965.	403
50*	372*	3.0*	38*	50*	414*			1,200	13.3	*	1963, 1964 are est.	412
5,927	56,039	284.6	9,641	5,149	38,614	16.0 9.0	303	1,200 1,350	20.0			404
	678*		200*		203*			1,725	38.3	*	No data 1965.	801
980	1,654	42.5	53	230	251	9.9	600	2,800	14.0			3428
58	1,252	4.3	119*	25	532	38.0		3,010		*	Incl.prim.prod. since 6-55.	300
145	3,050	8.4	237	87	1,402	36.0	650	2,950	20.0			3403
213	912	11.0	42	85	210	12.1		3,130	62.5			4147
94	317	4.1	10	45	93	12.9	1,600	3,040	70.0			4157
40	184	4.1	23	19	54	4.2	1,400	3,135	30.0			4140
722	3,496	125.9	495	193	514	9.0	2,100	3,000	36.0			4146
88	329	4.2	128*	42	55†	13.4	1,425	3,050	50.0	*	Incl.prim.prod. † Prod. water 1964, 1965 only.	4136
9*	18*	1.0*	2	9*	18*			3,010 3,121	30.0	*	1965 data est.	4174
895	25,315	32.7	1,628	712	12,990		1.035	3,200 3,250	40.0			4110
133	446	13.5	35	7	23	36.1	900	2,960				1915
46	610	3.0	36	46	235	4.7		3,130	53.3	*	Temp. shut down 10-1-65.	4141

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R
4156	Clay City C	Illinois Lease Op.,Inc.	Wayne	Beard,Borah,Wilson U	7-62	Aux Vases	10-1S-8E
4175	Clay City C	Illinois Lease Op.,Inc.	Wayne	N.E.Geff U	2-64	Aux Vases	7-1S-8E
3419	Clay City C	Barron Kidd	Richland	Wakefield-Harrell U	7-60	Cypress	26-4N-9E
3421	Clay City C	Murvin Oil Co.	Richland	Wakefield Pool U*	10-60	Cypress	24-4N-9E
4159	Clay City C	Bernard Podolsky	Wayne	N.W. Fairfield U	10-62	Ohara	26,35-1S-7E
4173	Clay City C	J.R. Randolph	Wayne	Bothwell	7-63	McClosky	24-2N-9E
1901	Clay City C	Robinson Prod.	Jasper	N.E. McClosky U 1	5-51	McClosky	13,14,24-7N-10E
1902	Clay City C	Robinson Prod.	Jasper	S.W. McClosky U 2	5-53	McClosky	23,26-7N-10E
347	Clay City C	J.W. Rudy	Clay	Ed Wilson Lease	2-59	Aux Vases	32-3N-8E
4117	Clay City C	Shakespeare Oil	Wayne	E. Banker School	1-57	Cypress	22-2N-8E
4118	Clay City C	Shakespeare Oil	Wayne	E. Geff U	1-57	Aux Vases	12,13-1S-7E; 18-1S-8E
4165	Clay City C	Tamarack Pet. Co.	Wayne	W. Geff U	11-63	Spar Mtn, McClosky	28,33-1N-7E; 4-1S-7E
4166	Clay City C	Tamarack Pet. Co.	Wayne	W. Geff U	12-63	Aux Vases	28,33-1N-7E; 4-1S-7E
4178	Clay City C	Tamarack Pet. Co.	Wayne	W. Geff U	3-64	Ohara	28,33-1N-7E; 4-1S-7E
302	Clay City C	Union Oil Calif.	Clay	Banker School C	9-56	Cypress	15,21,22,28-2N-8E
335	Clay City C	Union Oil Calif.	Clay	Weiler School C	7-61	McClosky	33,34-3N-8E; 3,4-2N-8E
1910	Clay City C	Union Oil Calif.	Jasper	E. Newton U	10-60	McClosky	27,34-7N-10E
3404	Clay City C	Union Oil Calif.	Richland	Old Noble	8-54	McClosky	4,5,8,9-3N-9E; 33-4N-9E
3405	Clay City C	Union Oil Calif.	Richland	S. Noble C	7-57	McClosky	30,31-3N-9E;25,36-3N-8E
3406	Clay City C	Union Oil Calif.	Richland	S.W. Noble U	5-57	Spar Mtn	11,12-2N-8E
3418	Clay City C	Union Oil Calif.	Richland	Wakefield U	5-59	Cypress	13,14,22,23,24,25,26,27-4N-9E
3425	Clay City C	Union Oil Calif.	Richland	Guyot C	12-63	Cypress, McClosky	35,36-3N-8E; 1,2-2N-8E
3429	Clay City C	Union Oil Calif.	Richland	N.E. Wakefield C	11-64	Cypress	13,14-4N-9E
4112	Clay City C	Union Oil Calif.	Wayne	Jordan School U	9-54	Aux Vases	3-1N-7E; 27,34,35-2N-7E
4113	Clay City C	Union Oil Calif.	Wayne	N.E. Jordan School U	1-56	Aux Vases	25,26,35,36-2N-7E
4114	Clay City C	Union Oil Calif.	Wayne	Van Fossan U	1-54	McClosky	10,14,15,22,23,26,27-1N-8E
4131	Clay City C	Union Oil Calif.	Wayne	S.E. Jordan School U	11-57	Aux Vases	2.11-1N-7E
4142	Clay City C	Union Oil Calif.	Wayne	Elm River U	9-58	Aux Vases, McClosky	30,31-2N-8E
4143	Clay City C	Union Oil Calif.	Wayne	Feller Flood C	9-58	Aux Vases	5,6,7,8-1N-8E
4152	Clay City C	Union Oil Calif.	Wayne	Oregon School U	1-61	Aux Vases	20,21,28,29-1S-8E
4153	Clay City C	Union Oil Calif.	Wayne	S.E. Enterprise U	5-61	Aux Vases	24-1N-8E
4164	Clay City C	Union Oil Calif.	Wayne	E. Jordan School C	1-63	Aux Vases, McClosky	1-1N-7E;6-1N-8E; 35,36-2N-7E
4176	Clay City C	Union Oil Calif.	Wayne	S. Jordan School U	8-64	Aux Vases	11,12-1N-7E;7-1N-8E
4177	Clay City C	Union Oil Calif.	Wayne	N.E. Geff U	9-64	Aux Vases	1,11,12,13-1S-7E
4179	Clay City C	Watkins Drlg. Co.	Wayne	North First St.	8-58	Aux Vases	19-1S-8E
4180	Clay City C	Watkins Drlg. Co.	Wayne	Watkins-Whitlock	11-59	Aux Vases	9-1S-7E
4151	Clay City C	H.H. Weinert Est.	Wayne	S. Boyleston U	4-61	Aux Vases	3,4,9,10-2S-7E
4162	Clay City C	H.H. Weinert Est.	Wayne	N. Boyleston U	2-62	McClosky	34-1S-7E; 3,4-2S-7E
1908	Clay City C	Zanetis Oil Prop.	Jasper	P. Kelly 3*	11-58	Spar Mtn	1-5N-9E
1909	Clay City C	Zanetis Oil Prop.	Jasper	C. Harvey 2	11-58	Spar Mtn	12-5N-9E
1917	Clay City C	Zanetis Oil Prop.	Jasper	Hines,Ochs,Danforth, Cailey	8-64	Spar Mtn	4,9-5N-10E
345	Clay City W	Zanetis Oil Prop.	Clay	Stanford "A"	7-64	Aux Vases	4-2N-7E
4281	Concord C	Ashland Oil	White	Concord	5-63	Tar Springs	28-6S-10E
4309	Concord C	Humble O, Ref. Co.	White	Concord Coop.	12-60	Tar Springs, Aux Vases	28-6S-10E
4299	Concord C	Livingston Oil Co.	White	Concord	8-60	Tar Springs	28-6S-10E
4358	Concord C	Livingston Oil Co.	White	Tuley	3-62	Aux Vases	21,22,28-6S-10E
4331	Concord C	Livingston Oil Co.	White	Concord	1-61	Aux Vases	28-6S-10E
4332	Concord C	Livingston Oil Co.	White	Tuley	10-61	Cypress	21,22-6S-10E
4206	Concord C	Phillips Pet.	White	Kerwin	7-53	Cypress, Aux Vases, Spar Mtn, McClosky	21-6S-10E

Production and injection statistics											
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls		Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well	Remarks	Project no.
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65						
125	413	31.2	48	6	8	12.2	1,200	3,100			4156
67	133	20.5	24	5	6	5.7	800	3,031	25.0		4175
237	1,401	16.1	334	210	1,212	4.7	790	2,540	14.0		3419
	383		116					2,535	53.3	* No data since 1961.	3421
253	838	30.9	79	71	141	24.3		3,200			4159
7	31	3.6	12	7	25	3.9		2,990	40.0		4173
55	1,275	6.2	274			27.5		2,530			1901
25	3,206	8.5	627			5.0		2,580			1902
22	113	5.5	11			4.0	800	2,933	40.0		347
47	599	10.6	103	44	364	8.2	1,100	2,639	30.0		4117
879	8,924	29.3	932	426	3,462	6.8	1,875	3,065	26.7		4118
765	1,555	*	*	*	*		288	3,200 3,228		* Incl. with 4166.	4165
377	561	22.0*	98*	210*	493*	33.0	769	3,080		* Incl. 4165, 4178.	4166
160	265	*	*	*	*	41.4	304	3,170		* Incl. with 4166.	4178
247	2,789	38.3	663	93	425	5.7		2,639	77.5		302
733	3,216	107.1	572	435	1,216	8.5		2,957	32.9		335
220	1,442	23.3	84	51	401	15.1		2,670	52.0		1910
2,034	52,272	164.0	3,879	2,034	52,272	70.0		2,930			3404
60	3,483	13.9	134	60	1,113	16.3		2,975			3405
110	3,794*	3.9	181	110	1,040	25.0		2,984		* Volume of subsurface inj. unknown since 1962.	3406
3,756	19,966	280.0	3,031	3,143	12,615	6.0		2,545	30.4		3418
455	825	67.5	91	74	118	10.3		2,620 3,000			3425
29	40	1.3	1	4	4	5.2		2,579	20.0		3429
1,686	18,027	64.7	2,130	1,215	10,063	9.7		2,950	24.4		4112
1,380	10,857	43.9	1,240	973	6,210	11.5		2,950	23.2		4113
191	11,734	26.2	616	191	4,305	3.5		3,070			4114
1,229	9,032	76.9	1,279	908	4,410	10.4		2,930	34.7		4131
406	3,092	28.3	354	260	1,226			2,910 3,010	30.0		4142
744	5,778	131.6	1,111	656	3,156	5.2		2,950	41.8		4143
547	2,316	22.0	169	291	1,233	7.7		3,186	27.0		4152
166	630	4.7	11	21	44	19.0		2,992	50.0		4153
1,481	3,779	248.4	398	310	607	11.3		2,950 3,030	46.3		4164
1,272	1,845	3.5	60	95	104	8.9		2,930	20.0		4176
1,215	1,537	123.6	134	49	57	10.2		3,075	70.4		4177
22	297	4.8	56	18	132	2.8	1,000	3,146	40.0		4179
27	124	5.6	43	18	115	6.8		3,129	40.0		4180
323	1,454	53.9	105	283*		13.8		3,100	70.0	* 1965 only.	4151
1,240	4,108	107.6	297	942*		17.0		3,240	10.0	* 1965 only.	4162
9	9	8.1	79	45	208	24.6		2,941	40.0	* Adj. to active waterflood.	1908
75	457		2			42.3		2,954	40.0	Abandoned 10-65.	1909
49	77	1.6	2	3	6	23.8		2,810	60.0		1917
*	5		2	1	3			2,950	30.0	* Injection suspended during 1965.	345
190	1,100	4.1	245*	42	270	15.9	1,500	2,279	20.0	* Incl. prim prod since 9-59.	4281
210	1,103	4.7	139	80	315	9.2	800	2,260 2,890	20.0		4309
740	3,447	20.1*	390	349*	1,714*	17.0		2,260	20.0	* Estimated.	4299
1	140	2.0*	22*	34*	63*	0.1	1,050	2,900	20.0	* Estimated for 1964.	4358
58	332	6.9*	50*	89	148	3.8	1,025	2,890	20.0	* Estimated.	4331
212	1,106	6.1*	53	122*		8.1	1,050	2,600	20.0	* Estimated.	4332
73	1,578	19.6	68	119	303			2,620 2,890 2,980 3,020	40.0		4206

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4207	Concord C	Phillips Pet.	White	Tuley	7-51	Cypress, Aux Vases, McClosky	21-6S-10E
505	Cooks Mills C	GMS Oil Co.	Coles	Cooks Mills U	1-61	Spar Mtn	9,15,16-13N-7E
802	Cooks Mills C	Charles R. Gray	Douglas	Logan-Moore*	4-63	Spar Mtn	13-4N-7E
803	Cooks Mills C	Charles R. Gray	Coles	Combes Estate*	4-63	Spar Mtn	13,24-14N-7E
510	Cooks Mills C	Kuykendall Drlg.	Coles	Bradley W. F.	4-62	Spar Mtn	26,27,34,35-14N-7E
513	Cooks Mills C	Kuykendall Drlg.	Coles	Easton W. F.	4-62	Spar Mtn	27-14N-7E
508	Cooks Mills C	Schaefer Oil Co.	Coles	Cooks Mills U.	11-61	Spar Mtn	18,19,20,30-14N-8E;13,24, 25-14N-7E
4000	Cordes	Shell Oil Co.	Washington	Cordes Coop.†	8-50	Benoist	14,15,22,23-3S-3W
1309	Dale C	C. E. Brehm	Franklin	Westbrook U	8-59	Aux Vases	1-7S-4E; 6-7S-5E
1316	Dale C	C. E. Brehm	Franklin	Westend U	6-63	Aux Vases	25-7S-4E; 19,20,30-7S-5E
1513	Dale C	C. E. Brehm	Hamilton	Cantrell U	1-59	Aux Vases	4,5-7S-5E
1534	Dale C	C. E. Brehm	Hamilton	Hogan U	6-62	Aux Vases	16-7S-5E
1544	Dale C	C. E. Brehm	Hamilton	P. M. Smith	3-63	Aux Vases	33-6S-5E; 4-7S-5E
1545	Dale C	C. E. Brehm	Hamilton	Rural Hill S	4-63	Aux Vases	33,34-6S-5E; 3,4-7S-5E
1519	Dale C	Joe A. Dull	Hamilton	1519		McClosky	14-6S-5E
1520	Dale C	Farrar Oil Co.	Hamilton	Tedford	7-61	Aux Vases	26-5S-6E
1525	Dale C	Farrar Oil Co.	Hamilton	Tedford	7-61	Benoist	26-5S-6E
1547	Dale C	T. W. George	Hamilton	Cantrell S U*	9-60	Aux Vases	7,18-7S-5E
1536	Dale C	David F. Herley	Hamilton	West End	12-62	Aux Vases	9-7S-5E
1528	Dale C	Humble Oil	Hamilton	Dale-Hoodville	7-61	Aux Vases	27-5S-6E
1523	Dale C	E. H. Kaufman	Hamilton	N. Rural Hill U	1-61	Aux Vases	11,12-6S-5E
1524	Dale C	E. H. Kaufman	Hamilton	S.E. Rural Hill	9-61	Aux Vases	18,19-6S-6E
1549	Dale C	E. H. Kaufman	Hamilton	S.W. Rural Hill	12-63	Aux Vases	23-6S-5E
1548	Dale C	W. C. McBride, Inc.	Hamilton	Benefiel-Hunt	11-63	Aux Vases	16,21-6S-7E
1533	Dale C	Marathon	Hamilton	Oglesby-Griswold No.2A	6-62	Aux Vases	17-6S-6E
1512	Dale C	Mobil Oil Corp.	Hamilton	Rural Hill	5-59	Aux Vases L Ohara	13,23,25-6S-5E
1503	Dale C	Phillips Pet. Co.	Saline Hamilton	W. End U	1-56	Aux Vases	17,19,20-7S-5E
1514	Dale C	Shell Oil Co.	Hamilton	Rural Hill U	9-58	Aux Vases Ohara McClosky	7,11-14,18,23,24-6S-5E
1537	Dale C	Shell Oil Co.	Hamilton	Nellie Porter	8-62	Bethel Aux Vases	34-5S-6E
1535	Dale C	Joe Simpkins	Hamilton	Barker	11-62	Aux Vases	24-6S-5E
1526	Dale C	Sinclair O and G	Hamilton	J. H. Stelle	8-61	Aux Vases	27-5S-6E
1543	Dale C	Sinclair O and G	Hamilton	Friel	9-62	Bethel Aux Vases	34-5S-6E
1516	Dale C	Stewart Oil Co.	Hamilton	Craddock Arms	9-60	Aux Vases	19-6S-6E
1531	Dale C	Stewart Oil Co.	Hamilton	Williams Heirs Coop.	7-61	Aux Vases	9,10-6S-6E
1539	Dale C	Stewart Oil Co.	Hamilton	Flannigan U	9-62	Aux Vases	28,29-6S-5E
1540	Dale C	Stewart Oil Co.	Hamilton	Hungate U	12-62	Aux Vases	28-6S-5E
1541	Dale C	Stewart Oil Co.	Hamilton	Brumit Unit	10-59	Aux Vases	6,7-6S-6E
1504	Dale C	Texaco, Inc.	Hamilton	W. Dale U	7-51	Aux Vases	11-6S-6E
1508	Dale C	Texaco, Inc.	Hamilton	Hood-Carey U	6-58	Aux Vases	3-6S-6E
1509	Dale C	Texaco, Inc.	Hamilton	Hood-Carey U	6-58	Bethel	3-6S-6E
1538	Dale C	Texaco, Inc.	Hamilton	Vaughn-Brockett Coop.	3-62	Aux Vases	17,18-6S-6E
1542	Dale C	Union Oil Calif	Hamilton	Dale Coop.*	6-63	Hardinsburg Cypress Bethel Aux Vases	36-5S-6E;31-5S-7E; 6,7-6S-7E
1319	Deering City	Farrar Oil Co.	Franklin	Peabody Coal	7-61	Aux Vases	9-7S-3E
2002	Divide C	Gulf Oil Corp.	Jefferson	W. D. Holloway	5-55	McClosky	21-1S-4E
2021	Divide C	Texaco, Inc.	Jefferson	W. Divide U	11-64	McClosky	13,14,22,23-1S-3E
2022	Divide C	Texaco, Inc.	Jefferson	W. Divide U	11-64	Spar Mtn	13,14,22,23-1S-2E
4007	Dubois C	N. A. Baldridge	Washington	Kaminski*		Cypress	7,8,17-3S-1W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
82	2,104	9.0	162	50	1,426	4.5		2,620 2,900 3,040	55.0			4207
	820*		48*		385*			1,800	40.0	*	No data 1963-1965.	505
	61		1					1,777	20.0	*	No data 1965.	802
	76		1					1,778	60.0	*	No data 1965.	803
373	1,376*	6.3	48*	227	490*	12.0	1,200	1,800	10.0	*	Operator corrected.	510
121	421	0.8	10	48	111	13.7	1,200	1,800	10.0			513
264	1,125	13.3	80			12.1	350	1,780	95.8	*	1965 data, est.	508
1,224	17,790*	104.7	4,194*	1,700	18,477	6.0	505	1,230	16.0	*	Op. adj.†Coop. with Shell, Mobil, Horton, McBride	4000
73	692	11.7	69	72	72*			3,230	70.0	*	Est. 1965 data only.	1309
846	1,540	96.3	137	180	180*	18.3		3,140	60.0	*	Est. 1965 data only.	1316
276	2,263	16.7	325			4.9		3,150	25.5			1513
327	1,086	19.6	31	108	108*			3,300		*	Est. 1965 data only.	1534
309	893	46.4	78			14.6		3,150	10.0			1544
312	734	3.9	8	24	24*			3,250	10.0	*	Est. 1965 data only.	1545
			6		36					*	No data 1963-1965,loc. adj. to active waterflood.	1519
115*	386*	4.7*	136*	90*				3,050	20.0	*	Incl. 1525.	1520
*	*	*	*	*				2,950		*	Incl. with 1520.	1525
	7,955*		442*		322*			3,125	41.8	*	No data 1965.	1547
455	1,411	51.7	177	109	289	9.8	1,350		17.1			1536
842	2,019	46.4	128	180	543	30.5	470	3,050	16.0			1528
285	1,625	16.6	105*	160	873	12.0	700	3,150	28.0	*	Incl. prim.prod. since 1-61.	1523
350	1,854	22.2	205*	219	812	12.0	700	3,190	35.0	*	Incl.prim.prod. since 9-61.	1524
335	656	37.9	44	36	45	10.0	300	3,120	18.0			1549
203	363	18.7	19	27	34	9.5	400	3,080	20.0			1548
41	181	0.6	2	6	17	3.5		3,250	5.0			1533
664	3,449	51.5	582	653*	2,153*			3,108 3,192	19.0	*	Incl. prim.prod. since 5-59.	1512
29	2,251	4.9	184	37	1,059	16.0	969	3,150	65.0	*	Section 17 is in Hamilton County. Abandoned 9-65.	1503
5,149	45,849	212.9	4,241*	4,328	27,151	8.0 17.0 13.0	919	3,120 3,195 3,300	24.4	*	Incl. prim.prod. since 6-59.	1514
320	1,768	21.0	235	329	1,007	11.0 22.0	480	2,900 3,050	20.0			1537
73	443	5.6	72	80	143	4.8		3,120	20.0			1535
233	1,011	22.2*	74*	229*	757*	28.8	200	3,034	15.0	*	Incl. Benoist production.	1526
729	2,197	35.5	226	367	1,122			2,940 3,050	26.0			1543
3*	543	2.2	13	13	73	5.5	949	3,120	80.0	*	Inj. suspended 1-65 to 11-65.	1516
10*	272	0.1	4	4	130	1.9	375	3,090	22.0	*	Inj. temp. suspended 2-65.	1531
116	561	1.7	11*	36	108	8.0	1,762	3,240	50.0	*	Incl. prim.prod.since 9-62.	1539
135	462	0.9	23	38	79	9.4	1,590	3,244	30.0			1540
3*	244*	2.2	10	11	27	14.4	105	3,180	70.0	*	Inj. temp. suspended first 11 mos. of 1965.	1541
329	5,955	14.6	595	270	3,037	12.8	1,100	3,050	59.0			1504
81	658	*	*	*	*	3.9	400	3,050	46.6	*	Incl. with 1509.	1508
122	695	57.2*	197*	221*	1,269*	4.7	460	2,950	46.6	*	Incl. with 1508.	1509
263	796	22.7	61	167	339	6.6	700	3,150	23.6			1538
2,493	3,206	165.6	224	611	1,701			2,500 2,700 2,920 3,020				1542
34	61*	19.8	48*	34	61*	6.2		2,800	50.0	*	Since 1-1-64.	1319
127	2,707	5.1	185	127	2,294			2,805	20.0		Abandoned 9-65.	2002
1,282	1,408	80.9*	81*	106*	106*	30.0	1,600	2,750	20.0	*	Incl. 2022.	2021
470	518	*	*	*	*	71.0	1,425	2,710	20.0	*	Incl. with 2021.	2022
	18*		4*		18*			1,250	38.3	*	No data 1964, 1965.	4007

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R
4006	Dubois C	H. F. Robison	Washington	T. Klaybor	10-61	Cypress	17-3S-1W
103	Edinburg W	Skiles Oil Corp.	Christian	Edinburg W U	11-61	Silurian	8,16,17-14N-3W
3612	Eldorado C	Ashland Oil	Saline	Victor Suttner	9-63	Aux Vases	7-8S-7E
3614	Eldorado C	Bufay Oil Co.	Saline	Sprich Lorch	9-64	Waltersburg	35-8S-6E
3608	Eldorado C	W. C. McBride, Inc.	Saline	Walt Eldorado N E U	8-63	Waltersburg	10,11,15-8S-7E
3609	Eldorade C	W. C. McBride, Inc.	Saline	Cyp Eldorado N E U	12-62	Cypress	10,15-8S-7E
3610	Eldorado C	R. W. Portis	Saline	Southwest U	5-63	Waltersburg	20,21-8S-7E
3611	Eldorado C	R. W. Portis	Saline	Central U	5-63	Waltersburg	15,16,21-8S-7E
3607	Eldorado E	G. L. Reasor	Saline	Porter	1-61	Aux Vases	23-8S-7E
1007	Ellery E	Herndon Drlg. Co.	Edwards	Ellery E U	12-57	Aux Vases	27,34-2S-10E
1019	Ellery E	Herndon Drlg. Co.	Edwards	Ellery E U	12-57	Ohara	27,34-2S-10E
4209	Enfield	Richard Elsie	White	Enfield U 2	10-56	McClosky	28,29,32-5S-8E
4264	Enfield	Richard Elsie	White	Enfield U 1*	2-54	Aux Vases	28,29,32-5S-8E
4292	Enfield	Richard Elsie	White	Enfield U 3	8-56	Ohara	28,29,32-5S-8E
413	Fairman	Donard Bertram	Clinton	Ducomb-Kreitler	3-59	Benoist	13,24-3N-1W
3998	Friendsville N	Dayton Loeffler	Wabash	Friendsville N U	5-62	Biehl	12-1N-13W
1916	Gila	S and M Oil Co.	Jasper	Gila*	9-63	Spar Mtn	28,32,33-2S-9E
4123	Goldengate C	Cities Service	Wayne	Goldengate U	8-56	Ohara, Spar Mtn	32,33-2S-9E
4155	Goldengate C	Cullum Oil Co.	Wayne	Pettigrew-Piercy U	11-62	Aux Vases	24-2S-9E
4154	Goldengate C	Alva C. Davis	Wayne	Bunnage-Woods U	5-62	Aux Vases	13,24-2S-9E
4374	Goldengate C	Gulf Oil Corp.	White	Goldengate U	3-63	Aux Vases, Spar Mtn, McClosky	34,35-3S-9E; 3-4S-9E
4375	Goldengate C	Gulf Oil Corp.	White	Goldengate U	3-63	Aux Vases	3-4S-9E; 34,35-3S-9E
1027	Goldengate C	Ill. Lse. Op., Inc.	Edwards	Chalcraft-Horn	12-62	Aux Vases	20-1S-10E
4139	Goldengate C	T. G. Jenkins	Wayne	Pond Creek U	5-60	Aux Vases	29,30,31,32-2S-9E
4378	Goldengate C	March Drlg. Co.	White	Goldengate	5-63	Aux Vases	3-4S-9E
4148	Goldengate C	Tamarack Pet. Co.	Wayne	W Ellery	9-61	Aux Vases	15,22,23,27-2S-9E
4149	Goldengate C	Tamarack Pet. Co.	Wayne	W Ellery	9-61	Ohara	15,22,23,27-2S-9E
4150	Goldengate C	Tamarack Pet. Co.	Wayne	W Ellery	9-61	Spar Mtn	15,22,23,27-2S-9E
4377	Goldengate C	Texaco, Inc.	White	J. Hancock Coop.	1-63	Aux Vases	21-3S-9E
4168	Half Moon	Collins Brothers	Wayne	Half Moon U	12-62	McClosky	28-1S-9E
4160	Half Moon	Skiles Oil Corp.	Wayne	Half Moon U	1-62	Ohara	26,34,35-1S-9E
3600	Harco	Phillips Pet.	Saline	Noble 'A'	6-57	Aux Vases	16-8S-5E
3606	Harrisburg	W. C. McBride	Saline	Harrisburg N	7-58	Waltersburg	34-8S-6E
1419	Herald C	Ashland Oil	Gallatin	SW New Haven	12-61	Tar Springs	29,30-7S-10E
4210	Herald C	C. E. Brehm	White	Herald W U	1-55	Waltersburg	28,33-6S-9E
4304	Herald C	C. E. Brehm	White	New Haven U	2-60	Aux Vases	18-7S-10E
1430	Herald C	Cities Service	Gallatin	Herald East U	8-63	Aux Vases	24-7S-9E
1405	Herald C	Continental Oil	Gallatin	Cottonwood N U	12-57	Cypress	21,28-7S-8E
1431	Herald C	Continental Oil	Gallatin	Cottonwood T S	10-63	Tar Springs	6-7S-9E
4355	Herald C	Humble	White	Herald U	6-62	Cypress	27,33,34-6S-9E;4-7S-9E
4340	Herald C	Indiana Farm Bureau	White	New Haven U	2-60	Aux Vases	17,18-7S-10E
1433	Herald C	Frank King	Gallatin	Glover	11-63	Aux Vases	24-7S-9E
4360	Herald C	Kingwood Oil Co.	White	Bayley U	1-62	Dagley, Clore, Tar Springs, Cypress, Aux Vases	11-7S-9E
4365	Herald C	Kingwood Oil Co.	White	Herald Coop.	5-63	Aux Vases	10-7S-9E
4211	Herald C	Mabee Pet. Co.	White	Ackerman U*	2-56	Aux Vases	4-7S-10E
4382	Herald C	Bernard Podolsky	White	Bayley U	1-63	Waltersburg	13,24-7S-9E
4383	Herald C	Bernard Podolsky	White	Grant-Aux Vases U	8-63	Aux Vases	13-7S-9E
4389	Herald C	Bernard Podolsky	White	Clark U	10-64	Aux Vases	4,5,8,9-7S-10E
4348	Herald C	Shakespeare	White	Questell	1-62	Dagley	11-7S-9E
1105	Hill E	Wichita River	Effingham	Hill E U*	12-59	Cypress	11,12,13,14-6N-6E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
20*	87*	1.6*	7*	20*	87*			1,250	20.0	*	1965 est.	4006
27	700			31	332	4.9	300	1,700	30.0			103
16	104	0.5	3			5.5	805	2,922	60.0	*	Abd. 4-65.	3612
30	38	0.6	1			7.2	60	2,050	10.0			3614
3,040	4,709	114.3	142*	182	204	31.5	550	2,200	46.7	*	Since 11-1-62.	3608
119	468	13.5	41	31	82	6.8	1,100	2,560	22.5			3609
1,403	2,417	16.5	55	49	91	60.0	1,200	2,120	22.5			3610
1,804	3,336	186.9	244	146	213	35.8	1,200	2,150	42.9			3611
69	373	2.9	35	4	41	18.0	900	2,900	80.0			3607
136	1.639	11.4*	433*	148*	887*		2,100	3,170	83.3	*	Incl. 1019.	1007
66	1,673	*	*	*	*	30.0	1,800	3,240		*	Incl. with 1007.	1019
84	1,100	3.6	89*	63	820	49.2	1,500	2,945		*	Incl.prim.prod.since 10-56.	4209
168	2,170	4.4	457†	141	400	18.0	2,081	2,810		*	Incl.primprod. †Formerly in P M table.	4264
22	364	1.3	99*	22	281	20.9	1,797	2,874	80.0	*	Incl.prim.prod.since 8-56; abandoned 10-65.	4292
82	1,248*	2.4	242*	82	1,248*	28.0		1,465	50.0	*	1964, 1965 data est.	413
28	103	15.3	55	4	16	7.8	1,000	1,650	40.0			3998
	275		12		10			2,835		*	No data 1964, 1965.	1916
60	1,066*	13.0	101*	52	370*		1,350	3,260 3,275	24.0	*	Op. adj.	4123
38	148	2.7	7	20*	42	4.7		3,270	30.0	*	Est.	4155
99	342	31.8	55	7	21*	4.9	1,950	3,250	20.0	*	1963, 1964 est.	4154
1,806	5,833	165.6*	591*	1,369*	2,597*		1,800	3,300 3,400 3,450	19.6	*	Incl. 4375.	4374
963	3,277	*	*	*	*	6.8		3,300	18.8	*	Incl. with 4374.	4375
9*	79	2.2*	14	1*	5	12.4		3,222		*	Est. by op.; abd. 4-65.	1027
794	3,763	73.2	383	198	787	10.0	2,200	3,220	21.8			4139
53	109	3.5	27	52	107	7.0	2,000	3,310	20.0			4378
61	209	*	*	*	*	4.6	1,700	3,230	26.6	*	Incl. with 4149.	4148
323	977	102.6*	180*	13*	272*		1,500	3,300	80.0	*	Incl. 4148, 4150.	4149
33	218	*	*	*	*	4.5		3,330	15.0	*	Incl. with 4149.	4150
196	470	3.3*	25	67	237	27.4	1,400	3,240	40.0	*	Incl. McClosky Oil	4377
704	2,403	28.0	96	198	924	27.5	1,235	3,300	67.0			4168
749	1,898*	50.0	109	199	456	29.3	1,600	3,280	85.7	*	Op. adj.	4160
26	205	4.5	29	1	7	6.0		2,890	30.0			3600
155	1,112	3.1	9	6	83	14.1	225	2,020	20.0			3606
174	781	44.2	171	131	362	17.0	1,200	2,150	46.0			1419
148	1,229	52.6	375*	54†	54†	4.9		2,325		*	Incl.prim.prod.since start of flood. †Est. 1965 data only.	4210
	88*	2.9	16					2,900	26.7	*	Inj. discontinued 3-62, abandoned 12-65.	4304
233	461	20.0	20	16	30	9.2	1,766	2,900	14.0			1430
465	4,595	60.9	945*	215	1,584	6.0	2,300	2,650	21.0	*	Incl.prim.prod.since 12-57.	1405
38	153	7.9	23	7	15	8.0	1,575	2,260	40.0			1431
488	2,334	123.4	406	233	562	5.6	1,350	2,675	25.3			4355
41	737	8.0	68	12	13*	2.7	1,650	2,870	25.0	*	Est. since 1-62.	4340
40*	90	6.2*	8	5*	8	13.6		2,900	40.0	*	1965 data est.	1433
305	1,807*	10.5	106†	205	1,008		1,600	2,850 2,050 2,280 2,630 2,880	27.1	*	Incl. 36.7 Mbbl. inj. to Dagley S. †Incl.prim.prod.	4360
174	526	29.1	72*	65	145	12.2	1,450	2,900	23.3	*	Incl.prim.prod. since 5-62.	4365
	233		45						20.0	*	No data, 1964, 1965.	4211
146	392	78.3	98	15	50	44.5	1,050	2,300	60.0			4382
50	99	1.3	4	11	25	7.1	1,525	2,930	50.0			4383
99	108	4.6	6	3	3	9.4	1,500	2,890	39.0			4389
36	142	15.5	53*	5	7	7.6	1,035	1,425	20.0	*	Incl.prim.prod. since 1-62.	4348
	2,682		138		877			2,460	50.3	*	No data 1964, 1965.	1105

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
332	Hord S C	Shirk and Webster	Clay	S. Hord U	9-58	Spar Mtn	26,27,34,35-5N-6E
337	Hord S C	Shirk and Webster	Clay	Zink	8-62	Spar Mtn	26,35-5N-6E
2008	Ina	Kewanee Oil Co.	Jefferson	Jeff-Karber-Threl B	12-60	Renault, McClosky	23-4S-2E
1422	Inman E C	Farrar Oil Co.	Gallatin	Black	1-59	Waltersburg	2-8S-10E
1406	Inman E C	Humble	Gallatin	Big Barn	4-54	Cypress	11-8S-10E
1407	Inman E C	Humble	Gallatin	Kerwin-Crawford	6-55	Clore, Palestine, Waltersburg, Tar Springs, Hardinsburg, Cypress	11,14-8S-10E
1408	Inman E C	Humble	Gallatin	West U	7-56	Palestine, Waltersburg, Tar Springs, Hardinsburg, Cypress	15-8S-10E
1429	Inman E C	Humble	Gallatin	S. Inman	10-62	Waltersburg, Cypress	21,22-8S-10E
1426	Inman E C	Skelly Oil Co.	Gallatin	Egyptian Tie and Timber*	1-59	Waltersburg, Hardinsburg, Cypress	21-8S-10E
1428	Inman W C	Kenneth E. Bush	Gallatin	Hish-Straub U*	1-62	Biehl	21-8S-9E
1400	Inman W C	T.A. Ferral	Gallatin	Goebel	7-58	Aux Vases	19-8S-10E
1401	Inman W C	V.R. Gallagher	Gallatin	Bradley U	10-57	Biehl	17-8S-9E
1427	Inman W C	Skelly Oil Co.	Gallatin	Schmitt 'A'	6-60	Buchanan	15-8S-9E
1415	Inman W C	Skiles Oil Corp.	Gallatin	Inman W	4-56	Tar Springs	13,24-8S-9E
321	Iola C	Humble	Clay	Iola	6-58	Cypress, Benoist, Aux Vases	15-5N-5E
322	Iola C	Texaco, Inc.	Clay	Iola Coop.	6-58	Benoist	14,15-5N-5E
323	Iola C	Texaco, Inc.	Clay	Iola Coop.	6-58	Aux Vases	14,15-5N-5E
338	Iola C	Texaco, Inc.	Clay	Iola S U	9-62	Aux Vases	22-5N-5E
303	Iola C	Tidewater Oil	Clay	Iola	10-57	Cypress, Bethel, Benoist, Aux Vases	14,15-5N-5E
4001	Irvington	L. Kapp	Washington	Molting	5-58	Cypress	9-1S-1W
4002	Irvington	Mark Mazzarino	Washington	Kasten U	11-57	Cypress	9-1S-1W
4004	Irvington	Mobil Oil Corp.	Washington	C. Koelling	2-59	Benoist	15-1S-1W
2015	Irvington E	E.M. Self	Jefferson	Wacker*	7-56	Benoist	31-1S-1E
2613	Iuka	Texaco, Inc.	Marion	Iuka	8-60	McClosky	2,3,10,11,14,15,16-2N-4E
203	Johnson N	C.E. Skiles	Clark	North Johnson WF*	11-53	Casey	2-9N-14W
207	Johnson N	Union Oil Calif.	Clark	N. Johnson	3-55	Claypool, Casey, U. Partlow	10,11,15-9N-14W
209	Johnson S	Forest Oil Corp.	Clark	S. Johnson (Flood 12)	3-49	U. Partlow	27,34,35-9N-14W
228	Johnson S	Hydroleum Corp.	Clark	Deverick-Linginfelter*		Partlow	35-9N-14W
229	Johnson S	Hydroleum Corp.	Clark	Partlow*		Partlow	34-9N-14W
210	Johnson S	Union Oil Calif.	Clark	Johnson Ext. 1 and 2	3-55	Claypool, Casey, U. Partlow	22,23,26,27-9N-14W
212	Johnson S	Union Oil Calif.	Clark	M.E. Larrison	3-55	U. Partlow	22,27-9N-14W
213	Johnson S	Union Oil Calif.	Clark	Weaver-Bennett	3-55	U. Partlow	27-9N-14W
4167	Johnsonville C	Shell Oil Co.	Wayne	E. Johnsonville U	8-62	Aux Vases, McClosky	25,36-1N-6E; 1-1S-6E
4121	Johnsonville C	Texaco, Inc.	Wayne	Johnsonville U	10-56	Aux Vases	21,23,26,27,28,33,34, 35-1N-6E; 3,4-1S-6E
4122	Johnsonville C	Texaco, Inc.	Wayne	Johnsonville U	11-54	McClosky	3,4-1S-6E;21,26,27,28,33, 34,35-1N-6E
4134	Johnsonville C	Union Oil Calif.	Wayne	Crisp U	11-57	Aux Vases	7,8,17,18-1S-6E
4172	Johnsonville S	Ashland Oil	Wayne	W. Geff U	5-63	Aux Vases	11,14-1S-6E
4169	Johnsonville W	Joe A. Dull	Wayne	W. Johnsonville U	10-63	McClosky	2-1S-5E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
872	5,200	45.0	653	782	3,357	97.0	1,680	2,790				332
149	928	11.0	28	7	187	13.1	1,680	2,790	40.0			337
474	2,227	18.3	184*	388	1,470	18.0	1,350	2,640 2,770	20.0	*	Incl.prim. since 12-60.	2008
110	580	5.1	108	74	74*	20.0		1,975	60.0	*	1965 data only.	1422
20*	226	1.5	83	1	27	1.3	1,200	2,400	5.0	*	Inj. temp. suspended 7-1-65.	1406
487	10,049	64.2	1,873	386	3,550		1,175	1,730 1,830 1,930 2,030 2,140 2,380	20.0			1407
2,184	17,356	111.3	2,965	829	5,183		1,150	1,750 1,980 2,160 2,200 2,380	20.0			1408
325	958	24.3	56	190	427	1.1	750	2,000 2,380	15.7			1429
	395		11		95			1,986 2,206 2,419	80.0	*	No data 1965.	1426
	32*		19*		42*			1,570	35.0	*	Temp. abd. 1-1-64, no data 1964, 1965.	1428
			23		23,394			2,740		*	No data 1962-1965.	1400
22	472	5.4	146*	19	179	4.0	1,250	1,726	90.0	*	Incl. prim. prod.	1401
37	2,040	4.3	64	4	39	12.5		1,666	60.0			1427
176	1,011	7.8	57	97	451	12.1	1,250	2,122	17.3			1415
135	594	10.9	119	116	556	2.5	800	2,100 2,280 2,320	25.0			321
137	1,524	5.6	47	*	*	7.8	750	2,290	47.5	*	Incl. with 323.	322
200	3,295	8.8	178	450*	3,961*	5.8	750	2,350	47.5	*	Incl. 322.	323
498	1,281	17.3	47	512	1,184	17.8	1,500	2,340	23.3			338
1,991	8,930	60.4	1,060	910	5,490		600	2,125 2,260 2,285 2,330	20.0			303
	134		12		96			1,375	10.0	*	No data since 1959.	4001
36	289	9.0	92	36	275	5.0	500	1,400	80.0			4002
142	618	6.0	49	51	308	16.0		1,531	20.0			4004
	78		99					1,480		*	No data 1962-1965.	2015
*	*	3.2	28	22	165			2,750	90.0	*	Dump flood, unknown.	2613
	2,870		650					475	8.6	*	No data 1965.	203
1,668	11,579	46.6	883	1,334	8,776			420 500 565	4.5			207
3,316	55,614	49.6	1,458			2.6	415	490	4.4			209
	*		7		36			520		*	No data 1964-1965, adj. to active waterflood.	228
	*		1		3			521		*	No data 1963-1965, adj. to active waterflood.	229
1,191	22,838	28.6	791	947	16,890			420 465 500	5.0			210
86	4,348	0.8	163	68	3,520	1.0		507	4.4			212
315	10,920	4.1	522	252	9,500	2.5		467	4.4			213
1,289	3,939	144.6	351	715	1,249	19.0	707	3,070 3,190	20.0			4167
3,029	16,886	274.5	2,620	2,391	10,200	18.2	800	3,000	34.6			4121
3,681	42,805	222.8	3,835	3,786	24,046	20.4	600	3,100	20.0			4122
793	7,324	31.7	1,150*	666	3,274	6.8		3,019	18.0	*	Incl.prim.prod. since 2-58.	4134
572	1,303	81.9	133	119	161	14.2	1,600	3,050	48.0			4172
383	746	29.8	38	16	19	30.0	1,600	3,072				4169

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4161	Johnsonville W	Kirby Pet.	Wayne	W. Johnsonville	5-62	Aux Vases	14,23-1N-5E
1412	Junction C	Estelle Price	Gallatin	Junction U*	5-51	Waltersburg	16-9S-9E
3991	Keensburg S	Continental Oil	Wabash	Utley	12-62	Mansfield	10-3S-13W
4125	Keenville	N.A. Baldridge	Wayne	Keenville U*	11-56	McClosky	27,28,33,34-1S-5E
305	Kenner	Texaco, Inc.	Clay	Kenner U	6-59	Benoist	25,36-3N-5E;30,31-3N-6E
330	Kenner	Texaco, Inc.	Clay	Kenner U	6-59	Aux Vases	25,36-3N-5E;30,31-3N-6E
306	Kenner W	Phillips Pet.	Clay	W. Kenner U	2-52	Cypress, Benoist, Aux Vases	23-3N-5E
2016	King	N.A. Baldridge	Jefferson	Eber-Goff*		Aux Vases	22-3S-3E
2017	King	Farrar Oil Co.	Jefferson	Randolf	6-64	Aux Vases	27,34-3S-3E
2025	King	Shakespeare Oil	Jefferson	Mace U	11-64	Aux Vases	33-3S-3E
2013	King	Texaco, Inc.	Jefferson	Baker-Bumpus-Smith U	5-61	Aux Vases	33,34-3S-3E
3954	Lancaster	Hayes-Wolf Bros.	Wabash	Lancaster U	12-58	Bethel	4,9-1N-13W;33-2N-13W
3881	Lancaster	Mobil Oil Corp.	Wabash	Sharp Wood	7-64	Bethel	4-1N-13W
3916	Lancaster S	Higgins Assoc.	Wabash	Lancaster S	1-55	Bethel	21-1N-13W
2242	Lawrence	Baldwin and Baldwin	Lawrence	O'Donnell*	4-59	Cypress	17-3N-12W
2268	Lawrence	Francis L. Beard	Lawrence	Jenner	11-62	Benoist	36-3N-12W
2269	Lawrence	Francis L. Beard	Lawrence	Jenner	11-62	Cypress	36-3N-12W
2202	Lawrence	Bradley Prod. Corp.	Lawrence	C.M. Perkins	2-55	Bridgeport	32-4N-12W
2203	Lawrence	Bradley Prod. Corp.	Lawrence	C.M. Perkins	2-55	Cypress	32-4N-12W
2233	Lawrence	Bradley Prod. Corp.	Lawrence	Pepple	6-57	Cypress	30-4N-12W
2234	Lawrence	Bradley Prod. Corp.	Lawrence	L. Gillespie	11-58	Bethel	26,35-3N-12W
2235	Lawrence	Bradley Prod. Corp.	Lawrence	L. Gillespie	11-58	Cypress	26,35-3N-12W
2236	Lawrence	Bradley Prod. Corp.	Lawrence	L. Gillespie	11-58	Bridgeport	26,35-3N-12W
2241	Lawrence	Bradley Prod. Corp.	Lawrence	Fyffe	7-59	Cypress	6-3N-12W;1-3N-13W
2245	Lawrence	Bradley Prod. Corp.	Lawrence	S. Gillespie	10-60	Cypress	26-3N-12W
2246	Lawrence	Bradley Prod. Corp.	Lawrence	S. Gillespie	10-60	Bethel	26-3N-12W
2255	Lawrence	Bradley Prod. Corp.	Lawrence	Breen	5-60	Sample(P.C.)	24,25-4N-13W
2256	Lawrence	Bradley Prod. Corp.	Lawrence	Breen	5-60	Cypress	24,25-4N-13W
2257	Lawrence	Bradley Prod. Corp.	Lawrence	Pepple	8-59	Benoist	30-4N-12W;25-4N-13W
2258	Lawrence	Bradley Prod. Corp.	Lawrence	Whittaker Area	4-61	Bethel	2,10,11-3N-12W
2259	Lawrence	Bradley Prod. Corp.	Lawrence	Whittaker Area	11-60	Cypress	2,10,11-3N-12W
2260	Lawrence	Bradley Prod. Corp.	Lawrence	E.J. Seed	2-61	Cypress	15,16,22-3N-12W
2261	Lawrence	Bradley Prod. Corp.	Lawrence	E.J. Seed	2-61	Jackson	15,16,22-3N-12W
2265	Lawrence	Bradley Prod. Corp.	Lawrence	Piper-Droll Area	12-61	Jackson	1,2-4N-13W;36-5N-13W
2266	Lawrence	Bradley Prod. Corp.	Lawrence	Piper-Droll Area	12-61	Cypress	1,2-4N-13W;36-5N-13W
2247	Lawrence	Fairfield Salvage	Lawrence	Buchanan*	2-61	Jackson, Cypress	16,21-3N-12W
2243	Lawrence	Gulf Oil Corp.	Lawrence	Bell U	6-59	Cypress	1-3N-13W
2244	Lawrence	Gulf Oil Corp.	Lawrence	Bridgeport U	6-59	Cypress	6-3N-12W
2280	Lawrence	Gulf Oil Corp.	Lawrence	H.E. Griggs	4-63	Cypress, Benoist	18-3N-12W
2270	Lawrence	Harris Drlg.	Lawrence	Gray Fee W F	7-61	Bethel	1-2N-12W
2271	Lawrence	Harris Drlg.	Lawrence	Gray Fee W F	7-61	Cypress	1-2N-12W
2276	Lawrence	Harris Drlg.	Lawrence	Withers-Pelham-State	2-63	Cypress, Bethel	36-3N-12W
2240	Lawrence	D.S. Huddleston	Lawrence	Vandermark-Albrecht U	8-58	Bridgeport	34-3N-12W
2277	Lawrence	Illinois Oil Co.	Lawrence	Bunker Hill U	2-64	Bridgeport, Benoist	12-2N-12W
2281	Lawrence	Jenny Lee Oil Co.	Lawrence	Calvert-Musgrave*	6-62	Bridgeport	3-3N-12W
2204	Lawrence	W.C. McBride, Inc.	Lawrence	Applegate	9-52	Jackson, Cypress, McClosky	7-4N-12W;12-4N-13W
2208	Lawrence	W.C. McBride, Inc.	Lawrence	Crump 40	4-56	Cypress	19-4N-12W
2209	Lawrence	W.C. McBride, Inc.	Lawrence	Crump U 1	12-56	Cypress	31-4N-12W
2210	Lawrence	W.C. McBride, Inc.	Lawrence	Neal	6-56	Cypress, Bethel	29-4N-12W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
311	928	74.9	273	163	218	14.1		2,900	34.0			4161
	2,017		303†		870			1,720	22.0	*	No data 1965.†Incl.prim.prod.	1412
165	369	16.5	106	86	163	35.0		1,181	58.0			3991
	1,647		272		1,120			3,100	73.0	*	No data 1962-1965.	4125
55	4,349	7.0	374	32	1,722	18.6	320	2,700			Abandoned 12-65.	305
427	4,252	11.5	149	85	1,331	19.8	1,200	2,800	90.0			330
492	1,005	19.0	503	257	4,304			2,600 2,720 2,800				306
	18*		1*		7*			2,700	40.0	*	No data 1963-1965.	2016
109	161	40.7	56	69	78	5.0	750	2,700	26.7			2017
3	3	26.2	26	3	3	1.0		2,708	10.0			2025
337	1,300	10.1	38	19	302	16.8	1,163	2,735	32.0			2013
486	2,064	194.7	510	12*	71	3.9		2,500	10.0	*	Prod. water est.	3954
140	201	25.3	26	5	5	9.1	2,540	15.0				3881
40	293*	12.0	76*	18	60*	11.0		2,520	35.0	*	Est. 1963-1965.	3916
	1,665		148		414			1,500	6.7	*	No data 1964, 1965.	2242
137	287	*	*	*	*	3.4	600	1,655	18.2	*	Incl. with 2269.	2268
300	718	33.9*	74*	168*	300*	11.0	600	1,540	8.2	*	Incl. 2268.	2269
398	6,023	21.6*	731*	332*	3,205*	4.0	800	900	10.0	*	Incl. 2203.	2202
645	6,452	*	*	*	*	4.0	800	1,350	10.0	*	Incl. with 2202.	2203
709	5,868	45.2*	864*	362*	2,513*	3.0	700	1,400	10.0	*	Incl. 2257.	2233
164	1,261	*	*	*	*	2.6	800	1,660	10.0	*	Incl. with 2236.	2234
949	5,769	*	*	*	*	5.4	800	1,550	10.0	*	Incl. with 2236.	2235
1,101	6,243	50.0*	605*	914*	4,567*	6.2	800	990	10.0	*	Incl. 2234 and 2235.	2236
436	4,490	7.3	412	101	1,243	3.5	700	1,580	4.5			2241
70	438	12.6*	76*	7*	12*†	0.8	800	1,550	10.0	*	Incl. 2246. †Since 1-64.	2245
49	287	*	*	*	*	1.6	800	1,660	10.0	*	Incl. with 2245.	2246
195	656	*	*	*	*	4.4	600	1,675	11.7	*	Incl. with 2256.	2255
44	822	8.5*	155*	79*	704*	1.0	600	1,530	11.7	*	Incl. 2255.	2256
46	903	*	*	*	*	1.3	700	1,650	8.2	*	Incl. with 2233.	2257
210	1,214	*	*	*	*	1.4	1,000	1,630	40.0	*	Incl. with 2259.	2258
1,032	4,516	124.4*	893*	477*	1,863*†	5.4	1,000	1,520	25.0	*	Incl. 2258. †Since 6-61.	2259
*	52	*	*					1,590		*	Incl. with 2261; inj. suspended 1965.	2260
*	46	3.6*	25*					1,500		*	Incl. 2260; inj. suspended 1965.	2261
630	2,437	234.4*	659*	437*	725*†	6.8	800	1,310	40.0	*	Incl. 2266. Since 6-62.	2265
950	2,512	*	*	*	*	12.3	800	1,400	22.9	*	Incl. with 2265.	2266
	610				24			1,520 1,650		*	No data 1965.	2247
154	2,419	1.5	172	55	995	7.0	900	1,650	40.0			2243
613	4,630	23.8	1,054	451	2,782	7.4	800	1,575	15.5			2244
17	149	1.2	4		1		600	1,586 1,746	10.0			2280
28	176	3.0	7			5.0	400	1,670	30.0			2270
46	348	3.3	7	7	22	2.7	375	1,545	10.0			2271
668	868	111.3	129	142	176	5.0	550	1,564 1,700	10.0			2276
181	981	17.0	130	145		6.6	560	988	35.0			2240
116	198	13.7	17	64	94	32.0	500	975	40.0			2277
131	226	4.3	6	33	42	15.0	700	1,775	33.0			
	7							1,019	20.0	*	No data 1965.	2281
708	3,321	19.2	204	652	2,446	6.1	780	1,240 1,350 1,635	11.3			2204
99	1,593	6.5	247	240	2,097*	2.7	500	1,280	10.0	*	Since 1-57.	2208
138	1,268	6.3	131	79	492	3.4	660	1,420	8.0			2209
387	3,488	21.3	570	316	1,782	3.6	740	1,390 1,470	8.9			2210

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R
2249	Lawrence	W.C. McBride, Inc.	Lawrence	Hinkle*	8-59	McClosky	27-3N-12W
2251	Lawrence	W.C. McBride, Inc.	Lawrence	Combs	3-59	Cypress, Bethel	20-4N-12W
2252	Lawrence	W.C. McBride, Inc.	Lawrence	Bower-Ross	8-58	Cypress	29-4N-12W
2253	Lawrence	W.C. McBride, Inc.	Lawrence	Fyffe 39	12-56	Cypress	31-4N-12W
2254	Lawrence	W.C. McBride, Inc.	Lawrence	Dalrymple	9-59	Cypress, Sample(P.C.), Benoist	29-4N-12W
2262	Lawrence	W.C. McBride, Inc.	Lawrence	Fyffe U	12-60	Cypress	36-4N-13W
2285	Lawrence	W.C. McBride, Inc.	Lawrence	Hinkle	11-63	Cypress, Sample(P.C.)	26-3N-12W
2213	Lawrence	Marathon Oil Co.	Lawrence	16 Projects*	1-52	Cypress, Bethel	T3,4N—R12,13W
2214	Lawrence	Marathon Oil Co.	Lawrence	9 Projects*	8-48	Bridgeport	T3,4N—R12,13W
2216	Lawrence	Marathon Oil Co.	Lawrence	4 Projects*	11-56	McClosky	T3,4N—R12,13W
2279	Lawrence	Marathon Oil Co.	Lawrence	Ridgley W F No.41-P	8-64	Ridgley	26,35-3N-12W
2211	Lawrence	Murphy Oil, Okla.	Lawrence	Stoltz	1-55	Bridgeport	32-4N-12W
2212	Lawrence	Murphy Oil, Okla.	Lawrence	Stoltz	1-55	Cypress	32-4N-12W
2273	Lawrence	David Rotstein	Lawrence	Loeb and McPherson	12-62	Cypress, Bethel	14,15,22-3N-12W
2274	Lawrence	David Rotstein	Lawrence	Gillespie and Calvert	11-62	Cypress	15,22-3N-12W
2275	Lawrence	David Rotstein	Lawrence	Burns,Griggs,Zellers	11-56	Bridgeport, Cypress	8-3N-12W
2217	Lawrence	Shakespeare Oil	Lawrence	S.Bridgeport U, And C. Miller C	10-56	Benoist	20,29,30-3N-12W
2272	Lawrence	Wayne Smith	Lawrence	Hayward Area	12-63	Cypress, Benoist	25,26-3N-12W
2237	Lawrence	R.S. Thompson	Lawrence	Stoltz Heirs*	7-58	Cypress	25-4N-13W
2207	Lawrence	Wolop Oil Company	Lawrence	Gray Area	5-53	Jackson, Bethel, Benoist	13,14-4N-13W
2264	Lawrence	Zanetis Oil Prop.	Lawrence	Cassil	9-62	Cypress	36-4N-13W
2282	Lawrence	Zanetis Oil Prop.	Lawrence	Carlson U	8-64	Cypress, Bethel	15-3N-12W
2283	Lawrence	Zanetis Oil Prop.	Lawrence	Hudson W F	5-64	Cypress	18-3N-11W
2250	Lawrence W	Acme Casing	Lawrence	S. Sumner U	12-59	Bethel	14,23,24-3N-13W
704	Lillyville	Indiana Farm Bureau	Cumberland	Krogman	5-57	McClosky	31-9N-7E
2502	Livingston	W.H. Krohn	Madison	Kroeger*	5-59	Penn.	17-6N-6W
2501	Livingston	M.W. McConnell	Madison	C.O. Henke U*	5-52	Penn.	17,20-6N-6W
2401	Livingston S	M.J. Williams	Madison	Blom,Fowler,and Ruehrup U	10-63	Penn.	27-6N-6W
1202	Louden	W.L. Belden	Fayette	U 25	10-57	Cypress	24,25-8N-3E
1203	Louden	D.L. Burtschi	Fayette	D.L. Burtschi U*	8-56	Cypress	18-7N-3E
1205	Louden	Doran Oil Prop.	Fayette	Stewart and Dial	7-57	Cypress	6-7N-3E
1242	Louden	Doran Oil Prop.	Fayette	Laura Logue	8-63	Cypress	13-7N-3E
1200	Louden	W.H. Fishburn	Fayette	Rhodes and McCloy	1-54	Cypress, Bethel, Benoist	27,34-8N-3E
1206	Louden	Gen. American	Fayette	Devore Coop.	7-57	Cypress	1-7N-2E
1244	Louden	A.L. Herman	Fayette	Lilly	8-64	Cypress, Bethel, Benoist	16-8N-3E
1225	Louden	L.B. Hoss	Fayette	Emerson No.2 W U	1-59	Cypress	31-8N-3E
1235	Louden	L.B. Hoss	Fayette	H. Logue No.3 W	11-61	Cypress, Bethel	18-7N-3E
1241	Louden	L.B. Hoss	Fayette	Arnold-Morrison	11-58	Cypress	19-7N-3E
1232	Louden	Hughes Prod. Co.	Fayette	Hopper-Townsend-McElroy	8-57	Cypress	12-7N-2E
1204	Louden	Humble	Fayette	Louden	10-50	Cypress, Bethel, Benoist, Aux Vases	T7,8,9N—R2,3,4E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
34	175	3.1	24	22	223	6.2	800	1,775	40.0	*	Abandoned 12-65.	2249
5	654	2.4	54	16	249	0.2	480	1,450 1,630	15.0			2251
198	1,456	11.0	177	189	942	6.8	480	1,320	10.0			2252
138	1,233	5.2	179	134	831	6.3	680	1,420	13.3			2253
309	2,354	20.1	417	285	1,177	4.0	740	1,500 1,575 1,650	9.3			2254
96	1,281	6.3	160	174	894	1.5	880	1,650	11.4			2262
281	416	70.7	74	26	27	7.7	825	1,550 1,660	10.0			2285
23,023	136,416	3,488.3	26,365	15,889	59,085		750	1,400 1,650	10.0	*	King,Boyd,Newell,Moore, Thorn,Gould,Seed,Gray,Ryan, Leighty,Jenner,Judy,Westall, Sutton,Middagh,Kimmel.	2213
7,560	100,224	482.8	11,344	7,484	82,622	3.1	550	800	9.0	*	Baltzell,Lewis,Clark,Cooper, Finley,Gee,Johnson,Klinger, Robins.	2214
4,255	25,628	303.9	2,950	3,347	17,933	11.4	700	1,700	34.0	*	Applegate,Gillespie, Vandermark,Williams.	2216
116	148	76.5	85	30	30	4.1	550	1,232	22.0			2279
490	4,076	*	*	*	*	1.3	600	860	2.5	*	Incl. with 2212.	2211
548	4,670	18.8*	605*	616*	4,425*	1.5	650	1,400	2.5	*	Incl. 2211.	2212
403	1,356	52.6	133	180	306		900	1,535 1,650	12.5			2273
191	574	17.4	39	48	80	6.3	900	1,590	16.7			2274
1,200	7,250	31.0	495	720	1,872		650	850 1,440	10.0			2275
349	4,902	14.6	533	185	2,052	7.9	915	1,800	23.3			2217
207	467	96.5	156	30*	30*		1,000	1,575 1,675	12.0	*	Est.; 1965 data only.	2272
	164		40		58			1,560	10.0	*	No data since 1961.	2237
218	6,136	13.4	641	199	3,639		850	1,390 1,550 1,590	10.0			2207
21	62	5.3	55	37	175	3.4		1,640	30.0			2264
469	490	25.5	29	46	49			1,516 1,622	11.4			2282
12	46	2.8	5	16	24	20.6		1,597	20.0			2283
109	1,190	5.8	185	42	285*	3.8	800	2,040	37.0	*	1963 water production est.	2250
62	547	3.8	49	16	16*		600	2,450	20.0	*	1965 data only.	704
	37*		3*					520		*	No data dince 1962.	2502
			227					525	8.0	*	No data 1962-1965.	2501
87	174	9.6	19	1	2	1.7	494	545	52.5			2401
383	3,572	30.9	465			17.3	250	1,530	60.0			1202
	25		5					1,475	20.0	*	No data 1965.	1203
54	575	9.7	86	12	26*	3.7	750	1,522	20.0	*	Since 1-64.	1205
2	4	4.1	6*	2	3*	4.5		1,550	20.0	*	Since 1-64.	1242
270*	3,774*	17.0	618	270*	1,992*			1,515 1,570 1,590	22.5	*	Estimated.	1200
107	511	27.4	221	107	346	29.3	600	1,454	80.0			1206
457	584	107.2	111	72	222		800	1,475 1,555 1,610				1244
5	59	1.5	51	11	65	1.5		1,500	10.0			1225
72 0	245 58	6.6 *	16 *	11 *	82 *			1,475 1,580	10.0	*	Cypress & Bethel co-mingled.	1235
146	821	54.8	117	146	594			1,500	50.0			1241
150	648	39.1	276*	256	822*	409.0		1,505	20.0	*	1962 data est.	1232
45,590	414,596	7,837.7	92,952	27,299	142,883		1,000	1,500 1,580 1,620 1,660	21.7			1204

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
1207	Louden	Jarvis Br. & Marcell	Fayette	Homan	3-54	Cypress	29,31,32-7N-3E
1208	Louden	Jarvis Br. & Marcell	Fayette	Yakey	11-57	Cypress, Bethel	6-7N-3E
1230	Louden	Jarvis Br. & Marcell	Fayette	Sinclair	8-60	Cypress, Bethel	29-8N-3E
1243	Louden	Jarvis Br. & Marcell	Fayette	Welker	11-56	Cypress	31-7N-3E
1209	Louden	Barron Kidd	Fayette	B.F. Owens	9-54	Cypress	9-7N-3E
1210	Louden	Kingwood Oil Co.	Fayette	Yolton	8-57	Cypress	12-7N-2E; 7-7N-3E
1211	Louden	Kingwood Oil Co.	Fayette	Yolton	8-57	Bethel	12-7N-2E; 7-7N-3E
1228	Louden	Kingwood Oil Co.	Fayette	Smith	1-58	Cypress	13-7N-2E
1234	Louden	Kingwood Oil Co.	Fayette	Welker	5-62	Cypress	13-7N-2E
1217	Louden	W.C. McBride, Inc.	Fayette	Stokes-Weiler	3-56	Cypress	14-8N-3E
1233	Louden	W.C. McBride, Inc.	Fayette	Sapp	11-62	Cypress	18-7N-3E
1236	Louden	M.S.C. Corp.	Fayette	D.L. Burtschi*	9-53	Cypress, Bethel	18-7N-3E
1237	Louden	M.S.C. Corp.	Fayette	Sefton*	7-57	Cypress	1,12-7N-2E
1214	Louden	Mabee Pet. Corp.	Fayette	Homan	8-55	Cypress	28-7N-3E
1215	Louden	Mabee Pet. Corp.	Fayette	Koberlien	5-57	Cypress	30-7N-3E
1216	Louden	Mobil Oil Corp.	Fayette	Rhodes-Watson Coop.	6-57	Cypress, Bethel, Benoist	27,33,34-8N-3E
1224	Louden	Mobil Oil Corp.	Fayette	Louden	1-58	Cypress, Bethel, Benoist	5-7N-3E; 32-8N-3E
1227	Louden	Mobil Oil Corp.	Fayette	Buzzard Bros.	10-58	Cypress, Bethel	29-8N-3E
1213	Louden	Self Realization	Fayette	E.C. Smith	7-57	Cypress	20-7N-3E
1218	Louden	Shell Oil Co.	Fayette	N. Louden U	11-56	Cypress	20,21-7N-3E
1219	Louden	Shell Oil Co.	Fayette	S. Louden U	3-55	Cypress	21,28,29-7N-3E
1212	Louden	Shulman Bros.	Fayette	Louden Extension	1-54	Cypress	2,3-7N-3E;34,35,36-8N-3E
1229	Louden	Texaco, Inc.	Fayette	Louden S	5-60	Cypress	6-6N-3E
1108	Louden	R.H. & J.B. Troop	Fayette	Louden Extension	1-63	Cypress	19-8N-4E
1220	Louden	R.H. & J.B. Troop	Fayette	Durbin & Force Area	10-56	Cypress	24,26-8N-3E
1221	Louden	R.H. & J.B. Troop	Fayette	Hiatt U	9-56	Cypress	29-7N-3E
1231	Louden	R.H. & J.B. Troop	Fayette	W.A. Eagleton	4-61	Cypress	20-8N-3E
603	Main C	Ashland Oil and Ref.	Crawford	Birds 2	3-57	Robinson	20-5N-11W
604	Main C	Bell Bros.	Crawford	Barrick	10-54	Robinson	13-7N-13W
695	Main C	C.W. Brooks	Crawford	Mullins*	12-62	Robinson	9-5N-12W
609	Main C	E. Constantin	Crawford	J.S. Kirk*	8-51	Robinson	29,30,31,32-7N-12W
607	Main C	Crest Assoc.	Crawford	Mitchell*	6-53	Robinson	24,25-7N-13W
615	Main C	Crest Assoc.	Crawford	Porterville*	4-54	Robinson	25,36-8N-13W
597	Main C	L.S. Dennis	Crawford	Stevenson*	8-64	Robinson	20-5N-11W
608	Main C	W. Duncan Oil Prop.	Crawford	Tohill-Hughes	6-51	Robinson	27,28-6S-13W
606	Main C	Forest Oil Corp.	Crawford	Grogan (flood 26)	10-53	Robinson	4,5,9-7N-13W
611	Main C	Forest Oil Corp.	Crawford	Oblong (flood 25)	8-56	Robinson	5,8,9-7N-13W
669	Main C	Forest Oil Corp.	Crawford	Oblong (flood 27)	1-58	Robinson	8-7N-13W
670	Main C	Forest Oil Corp.	Crawford	Stifle U (flood 28)	1-58	Robinson	8-7N-13W
691	Main C	Forest Oil Corp.	Crawford	Oblong (flood 29)	1-63	Robinson	17-7N-13W
612	Main C	D.W. Franchot, Co.	Crawford	Birds	6-51	Robinson	21,22-5N-11W
688	Main C	R.E. Hollenkamp	Crawford	Oblong*	7-52	Robinson	9-7N-13W
680	Main C	Indiana Farm Bureau	Crawford	Oak Ridge U	10-61	Bethel	17-5N-12W
681	Main C	Indiana Farm Bureau	Crawford	Oak Ridge U	10-61	Cypress	17-5N-12W
685	Main C	Indiana Farm Bureau	Crawford	Dennis Heirs U	10-59	Robinson	29,30-7N-13W
686	Main C	Indiana Farm Bureau	Crawford	C.J. Best	11-61	Robinson	20,29-7N-13W
687	Main C	Indiana Farm Bureau	Crawford	Stewart Heirs	10-60	Robinson	21-6N-13W
689	Main C	Indiana Farm Bureau	Crawford	Hulse-Allen	12-61	Robinson	12,13-7N-14W
697	Main C	Indiana Farm Bureau	Crawford	Dees	9-61	Robinson	26-7N-13W
617	Main C	Kewanee Oil Co.	Crawford	Wright Flood	1-53	Robinson	23,26-6N-13W
693	Main C	Kewanee Oil Co.	Crawford	Shilts Flood	6-63	Robinson	8-6N-13W
619	Main C	Logan Oil Co.	Crawford	Alexander-Reynolds	12-51	Robinson	10-7N-12W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
998	15,371	26.6	1,873	1,055	9,851	5.7		1,562	24.6			1207
274	2,587	12.8	264	209	1,490			1,400 1,540	17.5			1208
379	1,860	62.5	509	401	1,237			1,446 1,528	11.4			1230
396	934	41.5	423	195	1,889	13.5		1,530	40.0			1243
45	746	8.9	197		730*	2.3	720	1,450	20.0	*	Cum. to 12-1-63.	1209
173	1,467	36.0	544*	114	778	3.9	300	1,504	21.2	*	Incl.prim.prod.	1210
24	257	2.6	19	8	50	2.3	550	1,540	40.0			1211
126	659	23.0	137	88	278	6.9		1,504	20.0			1228
25	87	0.5	2	6	8	6.3		1,558	10.0			1234
145	1,636	13.8	374	96	377	5.3	250	1,480	20.0			1217
88	279	32.6	57	14	20	4.0	65	1,400	20.0			1233
	121		132		682†			1,550 1,580	15.0	*	No data 1965. †Since 1-1-53.	1236
	579†		166		289			1,560	20.0	*	No data 1965. †Since 1-1-57.	1237
216	2,864	16.0	492*	145	2,769	6.6		1,590	20.0	*	Incl.prim.prod.	1214
177	1,492	24.9	465*	167	335	4.1		1,590	20.0	*	Incl.prim.prod.	1215
352	2,999	55.7	855*	306	1,534			1,500 1,560 1,580		*	Incl.prim.prod.	1216
1,397	12,748	263.1	4,006*	1.403	3,749			1,450 1,525 1,550		*	Incl.prim.prod.	1224
117	631	26.4	98*	88	441			1,400 1,430		*	Incl.prim.prod.	1227
236	2,195	24.0	748	177	1,317	8.0	210	1,400	25.0			1213
1,125	15,807	22.7	1,554	847	10,280	10.0	157	1,550	10.0			1218
826	12,852	36.2	2,043	835	8,895	9.0	480	1,550	20.0			1219
2,400	32,511	34.6	3,153*	2,343	21,172	9.5	1,090	1,530	21.0	*	Incl.prim.prod.	1212
1,150	2,524	75.5	230	1,431	6,685	9.7	900	1,600	48.6			1229
67	199	14.9	31	16		5.7		1,550	50.0			1108
126	1,409*	16.1	268†	126	126	3.9		1,493	53.3	*	Cum.inj.adj. †Incl.prim.prod.	1220
180	1,696	6.9	446	180	1,585	6.2		1,536	20.0			1221
3	40	6.6	40*	13		1.0		1,520	40.0	*	Incl.prim.prod. since 1961.	1231
237	2,512	9.9	111	160	555	3.4	552	930	18.1			603
190	1,625	7.6	121	83	641	2.6	655	960	10.0			604
	15		8		11			925	50.0	*	No data 1964,1965.	695
	977		57					900	4.0	*	No data 1960-1965.	609
	935		107		125			895	5.5	*	No data 1963-1965.	607
	1,345		44					890	10.0	*	No data 1963-1965.	615
	6		1		1			960	40.0	*	No data 1965.	597
200	2,733	12.3	171			3.9	800	900	14.3			608
372	4,324	33.1	304			3.8	630	950	10.0			606
435	6,677	19.8	539			2.1	630	950	10.0			611
85	904	10.7	120			1.5	630	950	10.0			669
165	2,071	2.0	41			4.0	630	950	10.0			670
13	89	9.3	33			2.4	630	950	12.0			691
2,268	40,294	58.4	1,346			3.0	700	950	17.9			612
	402		24					980		*	No data 1964,1965.	688
72	455	*	*	*	*	8.2	910	1,590	10.0	*	Incl. with 681.	680
472	2,483	12.5*	61*	419*	440*		975	1,470	46.7	*	Incl. 680.	681
1,908	16,880	58.7	868*	2,139	3,498	3.8	625	950	5.5	*	Op. adj.	685
224	1,324	6.2	69	218	256*		625	950	11.4	*	Est.	686
458	2,391*	24.7	246	481	552*		620	950	8.0	*	Est.	687
35	179	5.9	50	105	114*		600	936	10.0	*	Est.	689
183	726	8.3	30	71	77*		625	930	23.0	*	Est.	697
499	5,498	24.0	195	476	3,003	3.9	725	900	10.0			617
380	815	5.2	9	87	110		700	900	11.4			693
440	5,966	33.8	501	120	1,491	1.7		940	8.5			619

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
671	Main C	MacDonell Co., Lima	Crawford	Kirtland U	1-58	Robinson	5-6N-13W
672	Main C	MacDonell Co., Lima	Crawford	Kirtland-Dee	1-58	Robinson	5,6-6N-13W
623	Main C	Marathon Oil Co.	Crawford	24 Projects*	5-48	Robinson	T6,7,8N–R12,13,14W
698	Main C	Marathon Oil Co.	Crawford	Thornton W F No.21-M	7-63	Bethel, Benoist, Ste.Genevieve	20-7N-13W
592	Main C	Mt. Carmel Drlg.	Crawford	New Hebron W F	1-63	Robinson	22-6N-12W
593	Main C	Mt. Carmel Drlg.	Crawford	Stewart-Inboden	3-64	Bethel	36-6N-12W
598	Main C	Skiles Oil Corp.	Crawford	Hudson W F	4-64	Bethel	6-5N-12W
594	Main C	Tidewater Oil	Crawford	A.W. Mann	1-64	Robinson, Bethel	5,6-5N-12W;32-6N-12W
596	Main C	Tidewater Oil	Crawford	Stifle-McKnight	4-61	Robinson	7,18-7N-13W
629	Main C	Tidewater Oil	Crawford	Clark-Hulse	1-52	Robinson	18-7N-13W
630	Main C	Tidewater Oil	Crawford	Birch No. 1	8-54	Robinson	14-6N-13W
631	Main C	Tidewater Oil	Crawford	Birds Area	2-52	Robinson	16,20,21,28,29-5N-11W
632	Main C	Tidewater Oil	Crawford	Barrick-Walters	3-54	Robinson	18,19-7N-12W;13,24-7N-13W
633	Main C	Tidewater Oil	Crawford	Good-Haws	9-57	Robinson	16,17,21,22-6N-13W
634	Main C	Tidewater Oil	Crawford	Howard	2-52	Robinson	11-7N-13W
635	Main C	Tidewater Oil	Crawford	Ames	10-56	Robinson	29-7N-13W
636	Main C	Tidewater Oil	Crawford	Dennis-Harden	8-50	Robinson	27,34-6N-13W
637	Main C	Tidewater Oil	Crawford	Thompson	9-52	Robinson	26,27-6N-13W
639	Main C	Tidewater Oil	Crawford	Lefever-Musgrave	2-54	Robinson	13-7N-13W
640	Main C	Tidewater Oil	Crawford	Montgomery-Seitzinger	5-54	Robinson	15,16-5N-11W
641	Main C	Tidewater Oil	Crawford	Stifle-Drake	6-52	Robinson	9,10,16-7N-13W
642	Main C	Tidewater Oil	Crawford	Walter-Stahl	11-54	Robinson	13,14-7N-13W
668	Main C	Tidewater Oil	Crawford	Highsmith	4-59	Robinson	20,21-6N-12W
696	Main C	Tidewater Oil	Crawford	Walter-Stantz	6-63	Robinson	14,15-7N-13W
599	Main C	Trans-Pecos Prod.	Crawford	George L. Walters	10-64	Robinson	2-6N-13W
591	Main C	Wesfield, Inc.	Crawford	Bidle	7-61	Robinson	25-8N-13W
694	Main C	Wichita River	Crawford	Flynn	11-63	Robinson	35-8N-13W
692	Main C	George H. Wickham	Crawford	Price-Keith-Barlow	5-62	Robinson	8,17-7N-12W
613	Main C	Wolop Oil Co.	Crawford	Culver Waterflood	2-61	Robinson	5,6,7-7N-12W
590	Main C	Zanetis Oil Prop.	Crawford	Quick Heirs and Hartleroad	11-64	Robinson	29-7N-12W
1025	Maple Grove C	Mammoth Producing	Edwards	Maple Grove*	7-61	McClosky	9,10-1N-10E
2020	Markham City W	H. Double L. Oil Co.	Jefferson	Markham City W U*	9-64	McClosky	34,35-2S-4E;2-3S-4E
214	Martinsville	Range Investment	Clark	Froderman Connelly*	1-56	Partlow	13-9N-14W
1104	Mason N	Texaco, Inc.	Effingham	Mason N U	10-58	Benoist, Aux Vases	9,10-6N-5E
509	Mattoon	Ashland Oil	Coles	N. Mattoon U	2-61	Cypress	10,11-12N-7E
512	Mattoon	Ashland Oil	Coles	S. Mattoon U	3-62	Cypress, Aux Vases, Spar Mtn	34-12N-7E;3-11N-7E
515	Mattoon	Ashland Oil	Coles	Degler Bros. Coop.	12-63	Cypress, Spar Mtn	3-12N-7E
504	Mattoon	Dell Carroll	Coles	Rudy Lse.	4-59	Cypress	23-12N-7E
506	Mattoon	Dell Carroll	Coles	Rudy Lse.	4-59	Spar Mtn	23-12N-7E
516	Mattoon	Dell Carroll	Coles	Carlyle 4-A	5-64	Spar Mtn	11-11N-7E
503	Mattoon	W. Duncan Oil Prop.	Coles	Redman-Macke	6-59	Cypress	23-12N-7E
507	Mattoon	W. Duncan Oil Prop.	Coles	Redman-Macke	6-59	Spar Mtn	23-12N-7E
511	Mattoon	W. Duncan Oil Prop.	Coles	Ohm	8-62	Cypress, Spar Mtn	2,3-11N-7E
514	Mattoon	W. Duncan Oil Prop.	Coles	Arthur-Oliver	2-63	Spar Mtn	2-12N-7E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
543	3,008	14.8	104	177	669	5.0	328	800	3.7			671
1,149	5,029	104.1	395	1,023	2,850	4.4	358	913	14.6			672
25,311	257,115	1,909.0	21,008	20,260	137,903	4.3		920	8.0	*	Wilkin,Hughes,Brubaker, Hargis,Reed,Drake,Cooley, Fawley,Eaton,Henry,Wilson, Arnold,Price,Wood,York, Barnes,Kirtland,Shilts,Bond, Mann,Hamilton,Shire,Carlton, Fry. Haines abd. 1963. Incl. 620, 621, 622.	623
427	953	67.0	102	105	145		900	1,340 1,390 1,450	19.1			698
226	325	23.0	33	47	62	5.0	525	930	16.0			592
52	89	2.3	4	15	25	7.0	100	1,310	25.0			593
67	112	0.7	1	1	2	9.1	20	1,320	10.0			598
870	1,789	31.6	46	282	416			950 1,320	10.0			594
121	172	12.7	16	46	50	3.2		950	10.0			596
384	5,486	7.9	299	344	3,830	8.3	600	910	16.0			629
475	2,881	35.6	352	251	1,184	4.2	400	881	10.0			630
2,093	18,740	84.6	1,099	1,538	9,658	3.8	600	950	10.0			631
2,166	15,365	109.1	1,273	1,079	5,420	4.4	500	950	10.0			632
643	3,717	37.6	437	474	2,093	4.0		930	10.0			633
438	3,118	47.6	353	381	2,414	4.6		950	10.0			634
549	3,528	24.7	181	357	2,083	2.0		980	10.0			635
512	6,891	21.2	726	452	5,071	3.5		875	10.0			636
60	1,381	9.7	201	133	1,359	1.2		860	10.0			637
213	2,679	12.3	365	186	1,278	1.7		910	10.0			639
90	1,544	3.2	67	82	817	2.5		979	10.7		Abd. 10-9-65.	640
1,995	6,937	62.8	422	534	3,357	12.2		980	10.0			641
47	991	1.5	111	22	712	2.2		987	10.0		Abd. 7-1-65.	642
519	2,094	19.1	147	202	929	4.6		920	10.0			668
134	393	10.4	24	102	167	2.1		950	10.0			696
183	226	2.6	3	30	33	5.0	390	930	20.0			599
*	53	0.9	1	3				1,000	40.0	*	Inj.temp. suspended 1965.	591
535	739	59.3	83	33	37	8.7	620	1,000	17.1			694
354	1,386	9.0	58	212	773	48.5	600	1,050	15.0			692
441	3,056	22.5	125			2.6	560	950	10.0			613
46	50	12.2	13	22	22	5.2		935	25.0			590
			36		159			3,270	72.0	*	No data 1965.	1025
	50		1					3,050		*	No data 1965.	2020
	3,600		111					530	4.8	*	No data 1960-1965.	214
165 21	1,730 21	12.1 *	117 *	159 *	1,032 *	10.2 8.2	1,450	2,280 2,344	25.0 30.0	*	Ben. & Aux Vases co-mingled.	1104
198	1,278	17.3	93*	58	170	6.8	950	1,800	45.0	*	Incl.prim.prod. since 2-61.	509
1,057	3,674	307.6	722	609	926		716	1,800 1,910 1,980	17.6			512
156	294	7.4	19	67	85		850	1,722 1,920	30.0			515
25	158	2.8	31*	23	62	1.8		1,770	25.0	*	Op. adj.; 1959-1961 est.	504
47	313	6.1	65*	28	130	3.3		1,970	25.0	*	Op. adj.; 1959-1961 est.	506
9	16	1.5	2			2.1	900	1,975	35.0			516
1	69	6.6*	35*	34*	200*	1.0	1,000	1,970	20.0	*	Incl. 507, fresh inj. water is sewage effluent.	503
32	244	*	*	*	*	4.5	850	1,770	20.0	*	Incl. with 503, fresh inj. water is sewage effluent.	507
174	596	47.8	95	9	14		1,100	1,800 1,970	38.3			511
250	665	17.2	44	32	50	17.1	1,000	1,930	34.0			514

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R
500	Mattoon	Humble	Coles	Mattoon	5-52	Cypress, Spar Mtn	23-27,34-36-12N-7E;2,11-1N-7E
501	Mattoon	Elmer Novak	Coles	Tinsley*	11-50	Spar Mtn	22-12N-7E
517	Mattoon	Steven, Forsyth	Coles	G. Brining Lse.	11-64	Aux Vases, Spar Mtn	3-11N-7E
518	Mattoon N	Har-Ken Oil	Coles	N.W. Mattoon	3-64	Spar Mtn	22-13N-7E
4282	Maunie N C	Ashland Oil	White	Ribeyre Island U	5-59	Waltersburg, Tar Springs	19,30-5S-14W
4384	Maunie N C	Herndon Drlg. Co.	White	Maunie W F U	8-64	Bridgeport, Benoist, Aux Vases, McClosky	24,25,36-5S-10E
4328	Maunie N C	Kirby Pet.	White	Ackerman	8-61	Spar Mtn	23,26-5S-10E
4272	Maunie N C	G.C. Schoonmaker	White	Maunie W U*	10-58	Aux Vases	35-5S-10E; 2-6S-10E
4265	Maunie S C	Nat. Assoc. Pet. Co.	White	S. Clear Pond*	6-57	Palestine, Tar Springs	12-6S-10E
4273	Maunie S C	Bernard Podolsky	White	Arnold U	2-64	Cypress	7,18-6S-11E
4352	Mill Shoals	R.C. Davoust	White	McIntosh U	6-62	Aux Vases	31-3S-8E; 6-4S-8E
4386	Mill Shoals	R.C. Davoust	White	Mill Shoals U	8-64	Aux Vases	19,20-3S-8E
4363	Mill Shoals	Shell Oil Co.	White	Mill Shoals U	8-62	Aux Vases	30-3S-8E
4183	Mill Shoals	Texaco, Inc.	Wayne	A.J. Poorman 'A'	8-64	Aux Vases	19-3S-8E
4337	Mill Shoals	Texaco, Inc.	White	Mill Shoals Coop.	9-61	Aux Vases	31,32-3S-8E
1506	Mill Shoals	Sam Tipps	Hamilton	Sohio*	5-52	Aux Vases	1-4S-7E
3918	Mt. Carmel	D.H. Lovelace	Wabash	Wabash U*	10-57	McClosky	5-1S-12W
3882	Mt. Carmel	Mobil Oil Corp.	Wabash	Campbell Heirs	2-64	Cypress	7-1S-12W
3872	Mt. Carmel	Sands Oil Co.	Wabash	Crow-Miller*		Cypress	8-1S-12W
3922	Mt. Carmel	Shell Oil Co.	Wabash	Mt. Carmel U	7-54	Cypress	17,18-1S-12W
3884	Mt. Carmel	Skiles Oil Corp.	Wabash	C.F. Chapman	5-64	Tar Springs	7,18-1S-12W
3885	Mt. Carmel	Skiles Oil Corp.	Wabash	Palmyra U	4-64	Tar Springs	5-1S-12W
3887	Mt. Carmel	Skiles Oil Corp.	Wabash	Clay Moeller	11-63	U. Cypress L. Cypress	5-1S-12W
3888	Mt. Carmel	Skiles Oil Corp.	Wabash	Palmyra U	11-63	U. Cypress	5-1S-12W
3889	Mt. Carmel	Skiles Oil Corp.	Wabash	Palmyra U	11-63	L. Cypress	5-1S-12W
3890	Mt. Carmel	Skiles Oil Corp.	Wabash	Palmyra U	11-63	Biehl	5-1S-12W
3923	Mt. Carmel	Skiles Oil Corp.	Wabash	Chapman-Courter U	1-55	Cypress	7,18-1S-12W
3924	Mt. Carmel	Skiles Oil Corp.	Wabash	W. Mt. Carmel	10-55	Tar Springs	18,19-1S-12W
3977	Mt. Carmel	Skiles Oil Corp.	Wabash	W. Mt. Carmel	9-61	Cypress	18,19-1S-12W
3897	Mt. Carmel	Superior Oil Co.	Wabash	R.V.Z. U	6-63	Cypress	8,9-1S-12W
3983	Mt. Carmel	Superior Oil Co.	Wabash	Mt. Carmel N U	9-61	Biehl	4,9-1S-12W
3984	Mt. Carmel	Superior Oil Co.	Wabash	Mt. Carmel N U	9-61	Cypress	4,9-1S-12W
3873	Mt. Carmel	Texaco, Inc.	Wabash	Kuhn U	7-64	Bridgeport, Cypress	16-1S-12W
3874	Mt. Carmel	Texaco, Inc.	Wabash	Stein Lse.	3-64	Cypress	8-1S-12W
3875	Mt. Carmel	Texaco, Inc.	Wabash	Stein U	4-64	Tar Springs, Cypress	5-1S-12W
3876	Mt. Carmel	Texaco, Inc.	Wabash	Geiger-Steckler U	3-64	Biehl	8,9,16-1S-12W
3877	Mt. Carmel	Texaco, Inc.	Wabash	Geiger-Steckler U	7-64	Tar Springs	8,9,16-1S-12W
3878	Mt. Carmel	Texaco, Inc.	Wabash	Geiger-Steckler U	3-64	Cypress	8,9,16-1S-12W
3879	Mt. Carmel	Texaco, Inc.	Wabash	Couch-Noller	3-64	Biehl	16-1S-12W
3880	Mt. Carmel	Texaco, Inc.	Wabash	Couch-Noller	3-64	Cypress	16-1S-12W
3925	Mt. Carmel	Texaco, Inc.	Wabash	Stein Lse.	3-64	Tar Springs	8-1S-12W
3990	Mt. Carmel	C.C. White	Wabash	Buchanan	11-59	Cypress	33-1N-12W
3926	New Harmony C	Ashland Oil	Wabash	Maud N	4-56	Bethel	5,6,7,8-2S-13W
3927	New Harmony C	Ashland Oil	Wabash	Ravenstein*	5-57	Bethel	32-1S-13W
4401	New Harmony C	T.M. Bane	White	Natl. Bank U	4-64	Tar Springs	19,20,29-4S-14W
4316	New Harmony C	Bell Bros.	White	Skiles	8-61	Cypress, Bethel, Aux Vases	16-4S-14W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
1,146	15,989	128.6	1,609	788	7,395	0.1	730	1,750 1,950	31.2			500
	249		39		87			1,952	30.0	*	No data 1965, no water inj. & water prod. data since1954.	501
35	43	13.1	14	4			1,100	1,920 1,970	40.0			517
140	187	15.9	65	60	84*	6.9	500	1,900	22.5	*	1964 est.	518
57	788	5.5	175	53	346			2,305 2,345	14.3			4282
499	610	31.3	54	234	299		1,000	1,350 2,800 2,950 3,020	22.5			4384
50	221	3.6	29	38	100	11.2		3,035	26.7			4328
	2,368		171		1,137			2,950	25.8	*	No data 1965.	4272
370	1,473	16.1	128	86	300	14.0	1,500	2,000 2,200	10.0	*	Formerly in PM table.	4265
73	131	26.5	46	12	30	11.0	2,360	2,590	32.0			4273
758	2,245	62.8	207	469	1,009	14.2	1,600	3,220	53.3			4352
405	529	21.8	24	101	117	20.0	800	3,220	63.0			4386
978	3,461	49.0	242	550	1,207	13.5	363	3,200	21.1			4363
144	199	12.6	14	6	8	24.5	700	3,212	30.0			4183
300	1,298	28.5	121	239	452	14.4	1,500	3,200	66.7			4337
	2,461		341		1,144			3,245	17.0	*	No data 1962-1965.	1506
	218		51					2,307	30.0	*	No data 1963-1965.	3918
84	105	0.8	1	1	1	10.3		2,030	20.0			3882
	†		9		1			2,010		*	No data 1965. †Adj. to active waterflood.	3872
234	9,272	78.1	1,092	384	6,197	5.3	600	2,075	36.1			3922
122	151	3.3	10	13	15	16.7	1,200	1,766	10.0			3884
42	57	*	*	*	*	11.7	1,200	1,670	25.0	*	Incl. with 3890.	3885
41	90	5.2	10	31	43	8.1	1,050	1,995 2,045	8.0			3887
142	247	*	*	*	*	8.1	1,400	1,990	34.0	*	Incl. with 3890.	3888
134	251	*	*	*	*	10.2	1,400	2,050	42.3	*	Incl. with 3890.	3889
44	74	19.7*	22*	92*	157*	15.3	1,350	1,510	20.0	*	Incl. 3885,3888,3889.	3890
73	1,298	4.4	290	72	724	3.5	800	2,050	25.0			3923
	895		138		513			1,729	20.0	*	Abd. 12-65;inj.term.6-62.	3924
135	280	26.8	37	47	129	12.3	1,200	2,046	26.7			3977
144	289	69.8	89	25	40	7.2	1,200	2,010	38.6			3897
211	1,611	41.8*	286*	135*	610*	11.1	1,500	1,450	12.5	*	Incl. 3984.	3983
174	1,210	*	*	*	*	22.3	1,500	1,950	81.0	*	Incl. with 3983.	3984
36 64	42 109	1.8* *	2* *	2* *	3* *	10.0 4.9	1,100 750	1,350 1,900	111.0 37.0	*	B'port & Cyp. co-mingled.	3873
104	154	*	*	*	*	8.6		2,010	24.3	*	Incl. with 3925.	3874
72 93	119 131	14.9* *	18* *	21* *	27* *	17.3 11.5	1,450	1,710 2,010	73.0 36.5	*	Tar Springs incl. with Cyp.	3875
138	267	*	*	*	*	13.5	1,250	1,490	91.0	*	Incl. with 3878.	3876
3*	16	†	†	†	†	7.4	240	1,710	30.0	*	Water inj. temp. suspended 2-1-65. †Incl. with 3878.	3877
311	537	65.8*	172*	122*	235*	10.0	1,100	1,990	26.0	*	Incl. 3876,3877.	3878
170	189	*	*	*	*	38.5	910	1,490	50.0	*	Incl. with 3880.	3879
56	101	3.9*	4*	24*	29*	12.6		1,990	50.0	*	Incl. 3879.	3880
78	95	5.1*	6*	84*	84*	8.9	1,200	1,710	58.0	*	Incl. 3874.	3925
	182*		22*		12*			2,000	40.0	*	No data since 1961.	3990
38	592	4.5	139*	11	83	2.7	1,500	2,650	20.3	*	Incl. prim. prod.	3926
2	99	2.3	57	1	7†	1.8		2,650	20.0	*	Abd. 12-65. † Since 1-61.	3927
		48.8*	90					2,330	26.6	*	Incl.prim.prod.No other 1965 data.	4401
206	998	16.2	117	119	321	10.4	1,350	2,550 2,700 2,850	15.0			4316

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4218	New Harmony C	Calstar Pet. Co.	White	Ford*	1-56	Aux Vases	20,21,22-4S-14W
4231	New Harmony C	Calstar Pet. Co.	White	M.S. Donald*	10-56	Aux Vases	21-4S-14W
4305	New Harmony C	Calstar Pet. Co.	White	Ford 'A'*	11-60	Tar Springs	16,21-4S-14W
4306	New Harmony C	Calstar Pet. Co.	White	Ford 'A'*	11-60	Cypress	16,21-4S-14W
4307	New Harmony C	Calstar Pet. Co.	White	Ford 'A'*	11-60	Bethel	16,21-4S-14W
4308	New Harmony C	Calstar Pet. Co.	White	Ford 'A'*	11-60	Aux Vases	16,21-4S-14W
4310	New Harmony C	Calstar Pet. Co.	White	Ford 'A'*	11-60	Waltersburg	16,21-4S-14W
4329	New Harmony C	Calstar Pet. Co.	White	M.S. Donald*	9-61	Bethel	21-4S-14W
3980	New Harmony C	Dell Carroll	Wabash	Friendsville Field	2-61	Cypress	11-1S-13W
3985	New Harmony C	Cities Service	Wabash	Fost-Ley U	3-61	Biehl	3-1S-13W
3986	New Harmony C	Cities Service	Wabash	Fost-Ley U	3-61	Cypress	3-1S-13W
3893	New Harmony C	Continental Oil	Wabash	Maud U	11-63	Cypress, Waltersburg	34,35-1S-13W
3960	New Harmony C	Continental Oil	Wabash	A.E. Shultz 'A'	3-59	Bethel (PC)	8,17-2S-13W
3961	New Harmony C	Continental Oil	Wabash	A.E. Schultz 'A'	3-59	Cypress	8,17-2S-13W
3995	New Harmony C	Continental Oil	Wabash	J.W. Reisinger	6-62	Cypress	4-2S-13W
3963	New Harmony C	Coy Oil Co.	Wabash	Kerwin U	10-59	Biehl	14,15,22-3S-14W
3988	New Harmony C	Coy Oil Co.	Wabash	Kerwin U	10-59	Bethel	14,15,22-3S-14W
4366	New Harmony C	Coy Oil Co.	White	B.R. Gray	1-63	Aux Vases	17-4S-14W
4367	New Harmony C	Coy Oil Co.	White	B.R. Gray	1-63	Bethel	17-4S-14W
4368	New Harmony C	Coy Oil Co.	White	B.R. Gray	1-63	Cypress	17-4S-14W
3994	New Harmony C	B.R. Duncan	Wabash	Dunkel	11-62	Cypress	11-1S-13W
4313	New Harmony C	W. Duncan Oil Prop.	White	Hughes	11-60	Aux Vases	17-4S-14W
4314	New Harmony C	W. Duncan Oil Prop.	White	Hughes	11-60	Benoist	17-4S-14W
4315	New Harmony C	W. Duncan Oil Prop.	White	Hughes	11-60	Cypress	17-4S-14W
4371	New Harmony C	Farrar Oil Co.	White	Ford	2-63	Aux Vases	21-4S-14W
4227	New Harmony C	Forest Oil Corp.	White	Bowman's Bend U	12-53	Tar Springs	15,16,21,22-5S-14W
3959	New Harmony C	T.W. George	Wabash	Keensburg*	11-58	Cypress	9-2S-13W
4224	New Harmony C	Herndon Drlg. Co.	White	Calvin	11-52	Aux Vases	5,8-4S-14W
4225	New Harmony C	Herndon Drlg. Co.	White	Calvin	11-52	Benoist	5,8-4S-14W
4226	New Harmony C	Herndon Drlg. Co.	White	Calvin	6-57	Cypress	5,8-4S-14W
3891	New Harmony C	Indiana Farm Bureau	Wabash	Schrodt Station S U	10-63	Cypress	3-2S-13W
3892	New Harmony C	Indiana Farm Bureau	Wabash	Schrodt Station Middle U	10-63	Cypress	34,35-1S-13W
4300	New Harmony C	Indiana Farm Bureau	White	Reeves U	1-61	Cypress, Aux Vases, McClosky	28-3S-13W
4392	New Harmony C	Indiana Farm Bureau	White	Calvin Waterflood	3-63	Aux Vases	22-4S-14W
4303	New Harmony C	Barron Kidd	White	A. Gray 'H'	4-60	Aux Vases	20-4S-14W
3896	New Harmony C	Luboil Co.	Wabash	Helm	4-61	Tar Springs	22-3S-14W
3936	New Harmony C	Luboil Co.	Wabash	Helm	11-52	Cypress 'A'	22-3S-14W
3937	New Harmony C	Luboil Co.	Wabash	Helm	10-54	Cypress 'C'	22-3S-14W
3938	New Harmony C	Luboil Co.	Wabash	Helm	12-51	Aux Vases	22-3S-14W
3939	New Harmony C	Luboil Co.	Wabash	Helm	12-51	Benoist	22-3S-14W
3940	New Harmony C	Luboil Co.	Wabash	Helm	12-50	Waltersburg	22-3S-14W
3965	New Harmony C	Luboil Co.	Wabash	Helm	6-59	Biehl	22-3S-14W
4276	New Harmony C	Mabee Pet. Corp.	White	O. Smith 1,4,11	6-59	Cypress, Benoist	4-4S-14W
3981	New Harmony C	Mobil Oil Corp.	Wabash	G.A. Sturman	3-61	Biehl, Cypress	10-1S-13W
4274	New Harmony C	Mobil Oil Corp.	White	J.J. Bond	8-58	Cypress, Bethel, Aux Vases	8-4S-14W
3982	New Harmony C	Mt. Carmel Drlg. Co.	Wabash	Friendsville U	2-61	Cypress	2,11-1S-13W
3895	New Harmony C	Nat. Assoc. Pet. Co.	Wabash	Epler Flood	4-63	Waltersburg	6-2S-13W
3886	New Harmony C	Phillips Pet.	Wabash	N. Maud U	6-64	Cypress, Ohara	13,24-1S-14W
4401	New Harmony C	Rebstock Oil Co.	White	National Bank WF U	4-64	Tar Springs	19,20,29-4S-14W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
	3,292		444					2,840	20.0	*	No data 1965.	4218
	1,425†		202†		964†			2,830	35.0	*	No data 1965. †Incl. 4329.	4231
	238		283†					2,200	20.0	*	No data 1965. †Incl. 4306, 4307,4308,4310.	4305
	753		†					2,580	20.0	*	No data 1965. †Incl.with4305.	4306
	162		†					2,700	20.0	*	No data 1965. †Incl.with4305.	4307
	1,023		†					2,820	20.0	*	No data 1965. †Incl.with4305.	4308
	133		†					2,140	20.0	*	No data 1965. †Incl.with4305.	4310
	433		†					2,695	35.0	*	No data 1965. †Incl.with4231.	4329
81	287	8.5	77	55	96	4.0	1,300	2,290	20.0			3980
164	600*	5.5	55*	10	38*	18.8	1,325	1,710	10.0	*	1964 cums., op. revised.	3985
14	445*	8.8	106*	37	114*	1.4	1,350	2,310	17.5	*	1964 cums., op. revised.	3986
185	209	70.9	79	21	24	13.0	1,550	1,937 2,248	33.0			3893
112	700	32.3*	314*	109*	555*	3.0	1,900	2,540	16.7	*	Incl. 3961.	3960
38	1,015	*	*	*	*	3.0	1,900	2,424	10.0	*	Incl. with 3960.	3961
23	70	2.2	8	23	70	7.0		2,413	10.0			3995
321	2,418	95.2*	980*	286*	1,722*	8.1	1,685	1,800	20.0	*	Incl. 3988,3989 (Abd).	3963
346	2,137	*	*	*	*	4.6	1,675	2,700	20.0	*	Incl. with 3963.	3988
181	576	*	*	*	*	6.2	1,505	2,900	20.0	*	Incl. with 4367.	4366
94	335	52.6*	207*	214*	440*	9.5	1,480	2,790	13.3	*	Incl. 4366,4368.	4367
143	489	*	*	*	*	5.0	1,450	2,575	20.0	*	Incl. with 4367.	4368
54	115	2.2	12	34	36	9.8	1,500	2,100	20.0			3994
305	1,396	47.4*	397*	492*	1,530*	11.6	900	2,820	20.0	*	Incl. 4314, 4315.	4313
228	944	*	*	*	*	7.8	1,100	2,700	17.5	*	Incl. with 4313.	4314
226	1,079	*	*	*	*	9.2	1,100	2,560	17.5	*	Incl. with 4313.	4315
65	172	25.8	116	9	12	7.2	700	2,830	30.0			4371
466	6,970	46.7	1,681	326	3,839	14.3	975	2,260	40.0			4227
	471		696		606			2,420	30.0	*	No data 1965.	3959
375	9,858	56.3*	2,727*	565*		32.0	1,440	2,800	21.7	*	Incl. 4225, 4226.	4224
102	2,574	*	*	*		5.6	1,440	2,660	16.0	*	Incl. with 4224.	4225
312	1,268	*	*	*		7.8	1,440	2,550	16.4	*	Incl. with 4224.	4226
210	433	6.8	17	39*	40*	11.9	1,700	2,320	40.0	*	Est.	3891
88	229	33.8	64	24*	25*		1,670	2,320	36.0	*	Est.	3892
309	1,743	18.8	70	171*	181*		1,300	2,598 2,800 2,910	16.4	*	Est.	4300
108	314	2.7	5			7.4	2,000	2,830	90.0			4392
12	64	11.0	61*			4.5	1,300	2,844	30.0	*	Incl.prim.prod.	4303
121	436	*	*			4.2	1,500	2,150	20.0	*	Incl. with 3938.	3896
60	1,689	*	*			3.5	1,500	2,520	20.0	*	Incl. with 3938.	3936
136	2,160	*	*			5.3	1,500	2,550	17.1	*	Incl. with 3938.	3937
307	5,626	106.1*	3,624*			2.9	1,500	2,640	12.3	*	Incl. 3896,3936,3937,3939, 3965, 3940.	3938
259	7,100	*	*			3.8		2,640	9.8	*	Incl. with 3938.	3939
*	3,306*	†	†					2,115	7.5	*	Inj.temp. suspended since 10-1-64, †Incl. with 3938.	3940
53	484	*	*			4.8		1,800	20.0	*	Incl. with 3938.	3965
17	462*		30†	5				2,550 2,680	65.0	*	No inj.data 1961, 1964, † No oil data 1961,1964,1965.	4276
120	247	6.3	68	28	68			1,780 2,235	25.0			3981
613	2,847	37.1	382	199	1,243			2,585 2,705 2,820	15.4			4274
275	1,255	23.2	306*	220	560	6.5	1,375	2,300	20.0	*	Incl. prim. prod.	3982
76	271	27.8	142*	36	148	8.0	1,500	2,075	23.3	*	Incl. prim. prod.	3895
71	202	19.4	27	94	140	16.0		2,500 2,850	50.0			3886
44*	84	55.0*	104	15*	23	5.0		2,330	26.7	*	1965 data est.	4401

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
3967	New Harmony C	R.K. Pet. Corp.	Wabash	Cowling U	8-60	Cypress	23,25,26,35,36-2S-14W
3962	New Harmony C	Rossi Oil Co.	Wabash	4 W	10-59	Cypress	26-1S-13W
4220	New Harmony C	Ruleo Oil Co.	White	Maunie N U*	10-57	Aux Vases	18,19-5S-14W
4398	New Harmony C	J.W. Schuller	White	Bramlet	12-63	Cypress, Bethel	17-4S-14W
3928	New Harmony C	Shakespeare Oil	Wabash	Brines U	8-56	Bethel	20,21,28,29-1S-13W
4214	New Harmony C	Joe Simpkins	White	Hon-Bump-Crawford	9-56	Aux Vases	32,33-3S-14W; 5-4S-14W
4215	New Harmony C	Joe Simpkins	White	Hon-Bump-Crawford	9-56	Benoist	32,33-3S-14W
4216	New Harmony C	Joe Simpkins	White	Hon-Bump-Crawford	9-56	Cypress	32,33-3S-14W
4320	New Harmony C	Joe Simpkins	White	Boultinghouse	11-59	Aux Vases	9,16,17-4S-14W
4321	New Harmony C	Joe Simpkins	White	Boultinghouse	11-59	Benoist	16,17-4S-14W
4322	New Harmony C	Joe Simpkins	White	Boultinghouse	11-59	Cypress	16,17-4S-14W
4323	New Harmony C	Joe Simpkins	White	Boultinghouse	11-59	Bethel	16-4S-14W
4324	New Harmony C	Joe Simpkins	White	Boultinghouse	11-59	Tar Springs	16-4S-14W
4317	New Harmony C	Skelly Oil Co.	White	Crossville	4-61	Cypress, Bethel, Aux Vases	20-4S-14W
4393	New Harmony C	Skelly Oil Co.	White	Daly 'A'	7-63	Cypress, Bethel, Aux Vases	17-4S-14W
3931	New Harmony C	Skiles Oil Corp.	Wabash,Edwards	Siegert Bottoms	10-51	Bethel	2,3,10-3S-14W;34,35-2S-14W
3932	New Harmony C	Skiles Oil Corp.	Wabash	E. Maud	4-52	Bethel	32,33-1S-13W; 4,5-2S-13W
3933	New Harmony C	Skiles Oil Corp.	Wabash	E. Maud	11-52	Cypress	32,33-1S-13W; 4,5-2S-13W
3934	New Harmony C	Skiles Oil Corp.	Wabash	W. Maud	10-50	Bethel	5,7,8-2S-13W
3956	New Harmony C	Skiles Oil Corp.	Wabash	Cowling-Raber	5-57	Bethel	17-2S-13W
3957	New Harmony C	Skiles Oil Corp.	Wabash	Broster F	10-56	Cypress	35-2S-14W
3974	New Harmony C	Skiles Oil Corp.	Wabash	Friends Grove U	3-61	Cypress	3-1S-13W; 34-1N-13W
3975	New Harmony C	Skiles Oil Corp.	Wabash	Friends Grove U	3-61	Biehl	3-1S-13W; 34-1N-13W
3976	New Harmony C	Skiles Oil Corp.	Wabash	Friends Grove U	3-61	Jordan	3-1S-13W; 34-1N-13W
4286	New Harmony C	Skiles Oil Corp.	White	Potter	9-59	Bethel	8-4S-14W
4326	New Harmony C	Skiles Oil Corp.	White	Parsons	6-60	Aux Vases	8-4S-14W
3935	New Harmony C	Sohio Pet.	Wabash	Updegraff 'A'	10-55	Cypress	14-3S-14W
3997	New Harmony C	Sohio Pet.	Wabash	Updegraff 'A'	6-62	Aux Vases	14-3S-14W
4294	New Harmony C	Sohio Pet.	White	Gray 'C' and 'H'	5-60	Tar Springs, Cypress, Bethel, Aux Vases	17,20,21-4S-14W
4233	New Harmony C	Sun Oil Co.	White	Ford B	3-53	Aux Vases	21-4S-14W
4293	New Harmony C	Sun Oil Co.	White	Ford B	2-60	Cypress	21-4S-14W
4350	New Harmony C	Sun Oil Co.	White	Ford B	2-60	Bethel	21-4S-14W
4235	New Harmony C	Superior Oil Co.	White	Kern-Hon U	2-54	Tar Springs	32,33-4S-14W
4236	New Harmony C	Superior Oil Co.	White	New Harmony Field U	8-65	Tar Springs, Aux Vases	27,28,33,34-4S-14W
4237	New Harmony C	Superior Oil Co.	White	New Harmony Field U	11-56	Bethel	26-29,32,33,34-4S-14W; 3,4,5-5S-14W
4238	New Harmony C	Superior Oil Co.	White	Waltersburg Sand U	10-53	Waltersburg	4,5,9-5S-14W
4280	New Harmony C	Superior Oil Co.	White	Ford U	11-65	Degonia, Bethel, Aux Vases	7,8-5S-14W
4312	New Harmony C	Superior Oil Co.	White	Fitton 'A' U	3-60	Aux Vases	29-4S-14W
4390	New Harmony C	Superior Oil Co.	White	New Harmony Field U	8-64	Cypress	21,27,28,29,32,33,34-4S-14W; 3,4,5-5S-14W
4391	New Harmony C	Superior Oil Co.	White	New Harmony Field U	8-64	Waltersburg	27,28,33,34-4S-14W
3948	New Harmony C	A.K. Swann	Wabash	Heil	11-55	Cypress	7,18-3S-14W
4284	New Harmony C	Texaco, Inc.	White	M.E. Glaze Coop.	12-59	Bethel	8,17-4S-14W
4285	New Harmony C	Texaco, Inc.	White	M.E. Glaze Coop.	12-59	Cypress	8,17-4S-14W
4290	New Harmony C	Texaco, Inc.	White	M.E. Glaze Coop.	12-59	Tar Springs	8,17-4S-14W
4291	New Harmony C	Texaco, Inc.	White	M.E. Glaze Coop.	12-59	Aux Vases	8,17-4S-14W

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
193	1,752	69.6	346	108	234	4.0	2,500	2,550	26.7			3967
45	357	11.3	92*	45	357	12.5	650	2,303	50.0	*	Incl.prim.prod. since start of flood.	3962
	172		238					2,900	21.0	*	No data 1962-1965.	4220
260	600	69.4	204	36	70		1,500	2,552 2,662	10.0			4398
438	7,174	36.4	1,417	274	4,744	1.9	1,825	2,600	16.4			3928
150	2,050	29.7	208	146	1,022	3.2	1,480	2,800	20.0			4214
22	153	11.5	91	14	46	1.8	1,500	2,650	20.0			4215
155	2,086	28.1	196	138	966	3.9	1,500	2,600	20.0			4216
950	4,990	23.4	453	645	3,500	9.6		2,830	21.3			4320
65	410	0.5	4	49	256	4.0		2,710	20.0			4321
333	1,663	11.0	150	225	665	6.3		2,580	21.5			4322
66	410	1.0	4	49	256	6.0	1,240	2,690	20.0			4323
166	832	1.2	76	87	526	10.0		2,200	20.0			4324
483	1,149	6.9	15	126	271			2,578 2,672 2,845	13.3			4317
69	203	23.3	71	36	99			2,584 2,680 2,832	40.0			4393
169	3,557	22.8	703	126	1,218	1.8	1,500	2,680	22.8			3931
81	1,574	13.4	356	61	646	4.3	1,400	2,520	30.0			3932
284	2,980	10.7	252	171	1,455	48.5	600	2,400	25.0			3933
17	2,140	7.1	454	1	378	2.0	1,400	2,620	25.0			3934
9	92	0.7	14		22	2.5	1,400	2,549	20.0			3956
11	183	0.8	36	9	41	1.2	1,500	2,531	10.0			3957
115*	650*	22.1†	131†	154†	924†	6.0	1,400	2,269	27.0	*	Incl.3976, † incl. 3975 & 3976.	3974
142	819	*	*	*	*	5.4	1,400	1,716	20.0	*	Incl. with 3974.	3975
*	*	*	*	*	*			1,761	10.0	*	Incl. with 3974.	3976
*	285	1.8	27	18	177			2,680		*	Inj. temp. discontinued 12-4-64.	4286
78	264	19.9	96	130	288	5.4	2,150	2,855	17.5			4326
	3,391*	36.0	1,466	838	6,280			2,500		*	Inj. discontinued 12-62.	3935
30	235	16.2	36*	1	4	8.3	1,300	2,770	35.0	*	Incl. prim.prod.	3997
632	4,213	68.1	723*	617	1,662		1,300	2,220 2,580 2,700 2,840	21.0	*	Incl. prim. prod.	4294
21	409	4.4	156	60	467	5.7	1,600	2,885	30.0			4233
55	452	7.0	16*	49	106	16.6	1,600	2,600	50.0	*	Incl. prim.prod.	4293
65	809	2.9	60*	27	262		1,600	2,700	30.0	*	Incl. prim. prod.	4350
7	1,908	2.9	532	13	863		1,500	2,250		*	Inj. suspended 3-1965.	4235
47 1,219	47 17,349*†	455.5*	8,915*†	2,765*	24,785*†	7.7	1,300 1,500	2,210 2,830	20.0 49.3	*	Incl. 4237, 4390, 4391. †Incl. data former projects.	4236
1,855	40,765*	†	†	†	†	7.9	1,500	2,710	49.5	*	Incl. data former projects. †Incl. with 4236.	4237
594	14,611*		1,620*		2,658*		1,500	2,206	20.0	*	Op. adj. to reflect Ill. portion of totals for the project.	4238
4 4 210	4 4 2,605	63.8	584	141	913	10.2 11.8 5.7	1,700 1,700 1,700	1,930 2,746 2,872	42.0 20.0 31.5			4280
41*	794	3.5	101	21	332	8.6	1,500	2,888		*	Inj. temp.disc.4-65.	4312
2,519	2,663	*	*	*	*	11.5	1,500	2,550	20.0	*	Incl. with 4236.	4390
357	485	*	*	*	*	24.5	1,500	2,120	40.0	*	Incl. with 4236.	4391
124	1,490	35.5	418	41	391	4.6	1,400	2,450	28.0			3948
130	1,980	*	*	*	*	2.0	1,500	2,670	28.6	*	Incl. with 4291.	4284
10	309	*	*	*	*	5.1	1,500	2,570	28.0	*	Incl. with 4291.	4285
55	347	*	*	*	*	5.5	1,500	2,215	66.6	*	Incl. with 4291	4290
81	952	32.5*	553*	315*	2,057*	2.3	1,500	2,825	25.0	*	Incl. 4284,4285,4290,4380, 4381.	4291

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4333	New Harmony C	Texaco, Inc.	White	Bramlett	11-61	Tar Springs	17-4S-14W
4334	New Harmony C	Texaco, Inc.	White	Bramlett	11-61	Cypress	17-4S-14W
4335	New Harmony C	Texaco, Inc.	White	Bramlett	11-61	Bethel	17-4S-14W
4380	New Harmony C	Texaco, Inc.	White	M. E. Glaze Coop.	6-63	Cypress, Bethel	8,17-4S-14W
4381	New Harmony C	Texaco, Inc.	White	M. E. Glaze Coop.	7-63	Bethel, Aux Vases	8,17-4S-14W
4242	New Harmony C	Tidewater Oil	White	O. R. Evans	10-49	Biehl, Cypress, Aux Vases, McClosky	4-4S-14W
4354	New Harmony C	Tidewater Oil	White	Wabash Riverbed U	9-60	Biehl, Cypress, Aux Vases	33-3S-14W
4275	New Harmony C	Union Oil Calif.	White	Calvin C	9-58	Tar Springs, Cypress, Bethel (PC), Aux Vases	9,16-4S-14W
4283	New Harmony C	J. H. Vandenbark	White	Calvin-Hon U*	1-59	Cypress, Aux Vases	9-6S-14W
3949	New Harmony C	West Drlg. Co.	Wabash	Raber U*	10-56	Biehl	19-2S-13W; 24-2S-14W
4341	New Harmony C	West Drlg. Co.	White	D. Evans	10-49	McClosky	4-4S-14W
1028	New Harmony C	George H. Wickham	Edwards	M. Schroeder	6-64	Waltersburg	26,27-2S-14W
4351	New Haven C	Ill. Lse. Op. Inc.	White	Wasem	7-62	Tar Springs	24-7S-10E
4388	New Haven C	Ill. Lse. Op. Inc.	White	Dead River U	9-64	Tar Springs	13,18-7S-10E
4247	New Haven C	Sinclair O and G	White	New Haven U	7-54	Cypress	17-7S-11E
4248	New Haven C	Sinclair O and G	White	New Haven U	7-54	Tar Springs	17-7S-11E
4278	New Haven C	Sinclair O and G	White	G. N. Boetticher	8-59	Cypress	19-7S-11E
2018	Oakdale N	Ill. Lse. Op. Inc.	Jefferson	N. Oakdale U	6-64	McClosky	3-2S-4E
000	Old Ripley	E. M. and B. F. Morris	Bond	Ripley U*	9-57	Penn	21,28-5N-4W
3426	Olney C	Bell Brothers	Richland	Dundas S U	9-63	Spar Mtn	3,10-4N-10E
1903	Olney C	Ill. Lse. Op. Inc.	Jasper	Bessie	1-61	McClosky	23-5N-10E
3420	Olney C	Texaco, Inc.	Richland	Olney	11-46	McClosky	27-4N-10E
1914	Olney C	Tri-State Casing	Jasper	Miller-Eunice	5-54	McClosky	23-5N-10E
3408	Olney E	Texaco, Inc.	Richland	E. Olney	3-51	McClosky	23,24,25,26-4N-10E
307	Oskaloosa	Texaco, Inc.	Clay	Oskaloosa U	1-53	Benoist	26,27,34,35-4N-5E
341	Oskaloosa	Texaco, Inc.	Clay	Oskaloosa U	12-63	McClosky	26,27,34,35-4N-5E
342	Oskaloosa	Texaco, Inc.	Clay	Oskaloosa U	12-63	Aux Vases	26,27,34,35-4N-5E
1017	Parkersburg	V.T. Drilling	Edwards	Parkersburg U*	2-59	Cypress	6-1N-14W;31-2N-14W
308	Passport	Shakespeare Oil	Clay	Hintersher-Malin U	9-57	McClosky	12-4N-8E
327	Passport	Shakespeare Oil	Clay	Passport U	7-58	McClosky	11,12,14-4N-8E
2601	Patoka	Karchmer	Marion	Patoka Benoist	9-43	Benoist	20,21,28,29-4N-1E
2602	Patoka	Karchmer	Marion	Patoka Rosiclare	7-48	Spar Mtn	21,28,29-4N-1E
2603	Patoka	Karchmer	Marion	Stein U	8-51	Cypress	28-4N-1E
2614	Patoka	Kewanee Oil Co.	Clinton, Marion	Patoka Trenton U	6-61	Trenton	1-3N-1W; 6-3N-1E; 31,32-4N-1E
2619	Patoka S	R. H. and J. B. Troop	Marion	Benoist Sandstone U	2-64	Benoist	5-3N-1E
4249	Phillipstown C	C. E. Brehm	White	Phillipstown U 'C'	6-52	Penn, Cypress	19-4S-11E
4344	Phillipstown C	Coy Oil Co.	White	Green	11-62	Bethel	30-3S-11E
4298	Phillipstown C	Eason Oil Co.	White	Clark	6-60	Bethel Aux Vases	30-4S-11E
4373	Phillipstown C	V. R. Gallagher	White	Cleveland T. S. U	10-63	Tar Springs	25-4S-10E
4387	Phillipstown C	V. R. Gallagher	White	Kuykendall W. F. U	7-64	Penn	25-4S-10E
4251	Phillipstown C	Gulf Oil Corp.	White	Metcalf*	6-51	Penn	31-3S-14W
4395	Phillipstown C	Gulf Oil Corp.	White	Garfield-Parson	4-61	Aux Vases	7-4S-14W
4343	Phillipstown C	Harris Drlg. Co.	White	Seifried	6-62	Biehl	30-3S-11E
4370	Phillipstown C	Harris Drlg. Co.	White	Seifried W F	7-61	Bethel	30-3S-11E
1029	Phillipstown C	Kingwood Oil Co.	Edwards	Johnson Coop.	5-64	McClosky	18-3S-11E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
35	157	12.1*	30*	114*	294*	6.0	1,520	2,296	80.0	*	Incl. 4334,4335.	4333
100	309	*	*	*	*	5.5		2,670	40.0	*	Incl. with 4333.	4334
49	295	*	*	*	*	2.7	1,200	2,700	40.0	*	Incl. with 4333.	4335
15	59	*	*	*	*		1,500	2,570 2,670		*	Incl. with 4291.	4380
28	185	*	*	*	*		1,500	2,700 2,825		*	Incl. with 4291.	4381
474	6,474	36.0	582	270	2,411			1,500 1,800 2,400 2,500	20.0			4242
34*	278*	13.4*	51*	24*	121*			1,825 2,530 2,780	9.4	*	Ill. values are 21% of totals, remainder in Posey County, Indiana	4354
883	6,612	69.6	1,520	875	3,525			2,208 2,600 2,694 2,812	20.0			4275
	3,094		353		2,073			2,200 2,800	17.0	*	No data 1964,1965.	4283
	47							1,740		*	No data since 1957.	3949
	4*		53					3,000		*	Water input 1958 data only, no other data since 1961.	4341
262	424	53.0	80	2	2	20.0	900	2,150	26.7			1028
144*	327	3.7*	18	48*	149	39.0		2,135	90.0	*	1965 data est.	4351
167*	222	15.0*	20	21*	21	25.6	1,300	2,200	26.0	*	1965 data est.	4388
135	1,427	17.1*	675*	23*	31*	3.7	1,800	2,445	32.5	*	Incl. 4248.	4247
1*	33	†	†	†	†	0.5	1,380	2,090		*	Inj. temp. discontinued 6-1-65. †Incl. with 4247.	4248
10	50	9.0	72	10	63	2.4	2,000	2,435	40.0			4278
164	192	32.6	75	57	72	22.0	800	2,931				2018
	745		54					600	11.0	*	No data 1964-1965.	000
566	1,323	64.7	114	371	398	34.1	1,400	2,991	37.0			3426
36	135	7.3	27	36	108	19.8		2,925				1903
94	3,941	13.9	494	87	2,889	20.0	1,200	3,000				3420
99	1,291	2.5	54	99	860*	21.0		2,940	40.0	*	Est.	1914
402	3,731	114.7	245	41	1,176	20.7	1,100	3,100	20.0			3408
482	7,479	27.5	1,196	242	2,859	5.8	1,450	2,600	24.7			307
138	257	*	*	*	*	9.0	1,400	2,742	25.0	*	Incl. with 342.	341
144	371	32.5*	58*	37*	73*	7.8	1,420	2,641	20.0	*	Incl. 341.	342
	681†		129†		244†		1,020	2,770	85.3	*	No data, 1965. †Incl. 1020.	1017
40	270	4.3	33*	32	79	12.2	982	3,000		*	Incl. prim. prod.	308
957	6,429	34.4	475	728	4,031	52.0		3,000	61.0			327
1,039	59,164	14.5	6,516	1,039	47,062	2.6	360	1,410	13.0			2601
812	10,383	12.6	1,503*	812	5,409		380	1,550	21.0	*	Incl. prim. prod.	2602
*	1,140	0.3	63†	*†	919		380	1,280	10.0	*	Incl. prim. prod. †Water inj.and prod. temp.suspended.	2603
956	3,523	61.7	317*	313*	966		925	3,930	22.0	*	Incl. prim. prod.	2614
49	91	41.4	48	47	48	2.4	500	1,456	80.0			2619
21*	643*	3.1*	159*	4†			1,800	1,950 2,730	30.0	*	Incl. 4245. †1965 only.	4249
8	52	2.6	8	2	7	2.0	1,745	2,820	20.0			4344
137	945	63.8	214	60	329		1,980	2,810 2,920	30.0			4298
52	101	29.3	52*	6	7	5.3	1,550	2,310	50.0	*	Incl. prim. prod.	4373
110	127	33.0	37	9	13	6.7	950	1,490	56.7			4387
	3,686		1,215		2,777			1,550	14.4	*	No data 1964, 1965. Penn Sd. inj. disc. 11-1-63, Biehl commenced 10-63.	4251
196	1,214	24.6	159	71	592	11.9	2,250	2,885	74.0			4395
70	270	6.0	15	41	129	14.0	1,300	1,842	10.0			4343
6	205	2.4	3	5	10	18.0	1,700	2,821	10.0			4370
164	279	1.8	3	12	15	45.0	75	3,116	17.5			1029

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
4250	Phillipstown C	Mobil Oil Corp.	White	Grayville U	7-54	Cypress	20,29-3S-14W
4369	Phillipstown C	E.H. Morris Estate	White	Morris A and B*	8-63	Cypress	19,30-3S-11E
4253	Phillipstown C	Phillips Pet.	White	Flora U	9-53	Degonia	24-4S-10E
4255	Phillipstown C	Phillips Pet.	White	Phillipstown U	10-57	Bethel, Aux Vases	30-4S-11E
4349	Phillipstown C	Royalco Inc.	White	Phillipstown U	9-62	Degonia, Tar Springs	1-5S-10E; 6-5S-11E
4257	Phillipstown C	Sun Oil Co.	White	Phillipstown U	2-56	Tar Springs	6-5S-11E
4357	Phillipstown S	Permian Oil Inc.	White	Given-Brown	12-62	Tar Springs	11-5S-10E
2616	Raccoon Lake	Texaco, Inc.	Marion	Raccoon Lake U	7-61	McClosky	3-1N-1E
2617	Raccoon Lake	Texaco, Inc.	Marion	Raccoon Lake U	7-61	Spar Mtn	3-1N-1E
3615	Raleigh	W. Duncan Oil Prop.	Saline	Spurlock Lse.	5-64	Cypress	2-8S-6E
3617	Raleigh	T.W. George	Saline	Raleigh*	5-62	Cypress	35-7S-6E; 2-8S-6E
3605	Raleigh	Kewanee Oil Co.	Saline	Raleigh U	10-60	Aux Vases	10,15,16-8S-6E
3618	Raleigh S	Humble	Saline	S. Raleigh U	8-64	Aux Vases	20-8S-6E
3616	Raleigh S	R.K. Pet. Corp.	Saline	Leitch et. al.	3-64	Aux Vases	20,21,28,29-8S-6E
3604	Raleigh S	Walker and Harmon	Saline	Raleigh U	12-60	Aux Vases	20-8S-6E
3430	Ritter N	Zanetis Oil Prop.	Richland	S.E. Olney U	9-64	Spar Mtn	18-3N-11E
2009	Roaches N	Texaco, Inc.	Jefferson	Roaches N U	8-60	Benoist	8-2S-1E
3970	Rochester	Ashland Oil	Wabash	N. Rochester U	7-60	Penn, Waltersburg	11,14-2S-13W
3972	Rochester	Ashland Oil	Wabash	Rochester Coop.	1-60	Penn	14-2S-13W
3968	Rochester	J.H. Gilliam Drlg.	Wabash	Kennard	7-60	Penn	14-2S-13W
3987	Rochester	J.H. Gilliam Drlg.	Wabash	Kennard	6-60	Waltersburg	14-2S-13W
4396	Roland C	Continental Oil Co.	White	Mobley-Greer	2-62	Tar Springs	25-6S-8E
4361	Roland C	F.J. Fleming	White	Doerner	6-62	Waltersburg	12,13-7S-8E
1418	Roland C	Humble	Gallatin	S. Roland	6-59	Aux Vases	16,21,22-7S-8E
4258	Roland C	Humble	White	S.W. Roland U	6-55	Waltersburg, Aux Vases	14,15,16-7S-8E
4259	Roland C	Humble	White	Stokes U	7-54	Hardinsburg	5-6S-9E
4356	Roland C	Humble	White	S.W. Roland U	10-62	Aux Vases	15-7S-8E
1413	Roland C	Indiana Farm Bureau	Gallatin	Omaha U	3-63	Waltersburg	20,21,28,29-7S-8E
4318	Roland C	Indiana Farm Bureau	White	E. Roland	12-61	Aux Vases	2,3-7S-8E
4261	Roland C	Shell Oil Co.	White	Iron U	12-50	Hardinsburg	23,24,25-6S-8E
4260	Roland C	Union Oil Calif.	White	Stokes-Brownsville U	8-55	Hardinsburg	36-5S-8E;31,32-5S-9E;1,11, 12-6S-8E; 6-6S-9E
4385	Roland C	Union Oil Calif.	White	Kisner Dump Flood	12-51	Paint Creek	7-6S-9E
1435	Roland C	Wausau Pet.	Gallatin, White	Gossett W F U	7-64	Cypress	18,19,20-7S-8E
2267	Ruark	Camrick Oil Corp.	Lawrence	Ruark W F U	4-63	Tar Springs	7-2N-12W
1515	Rural Hill N	Acme Casing Supply	Hamilton	Moore U	5-60	Cypress	34,35-5S-5E
318	Sailor Springs C	Ashland Oil	Clay	E. Flora	11-56	McClosky	16,21-3N-7E
328	Sailor Springs C	Ashland Oil	Clay	Sailor Springs	4-58	Tar Springs, Cypress	26-4N-7E
1100	Sailor Springs C	Ashland Oil	Effingham	Bible Grove	7-54	Spar Mtn, McClosky	28,29-6N-7E
1102	Sailor Springs C	W. Duncan Oil Prop.	Effingham	Brink	12-57	Cypress	34-6S-7E
339	Sailor Springs C	Gulf Oil Corp.	Clay	Sailor Springs U	6-63	Cypress	26-4N-7E
1107	Sailor Springs C	Jet Oil Co.	Effingham	Blunt Comm. U	11-62	McClosky	17,20-6N-7E
1103	Sailor Springs C	Kingwood Oil Co.	Effingham	Nadler and Joergens	6-55	Spar Mtn, McClosky	28-6N-7E
313	Sailor Springs C	W.C. McBride, Inc.	Clay	Duff-Keck	7-53	Cypress	26,35-4N-7E
344	Sailor Springs C	W.C. McBride, Inc.	Clay	Dehart	11-64	Cypress	9-3N-7E
336	Sailor Springs C	McCollum and Kincaid	Clay	N. Hoosier U	12-62	Cypress	10-4N-7E
311	Sailor Springs C	Mobil Oil Corp.	Clay	Sailor Springs	7-54	Cypress	14,15,23-4N-7E
340	Sailor Springs C	Mobil Oil Corp.	Clay	N. Hoosier U	8-62	Cypress	15-4N-7E
333	Sailor Springs C	Bernard Podolsky	Clay	Bowers	9-61	McClosky	16-3N-7E
315	Sailor Springs C	Shulman Bros.	Clay	Colclasure and Hardy	7-57	Cypress	10-3N-7E
329	Sailor Springs C	Skiles Oil Corp.	Clay	N. Sailor Springs	11-56	Spar Mtn	2-4N-7E; 35-5N-7E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well	Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls							
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65						
42	713	3.8	131	37	431*	10.0	1,800	2,825	25.0 *	1964 data est.	4250
	109		3					2,700	13.3 *	No data 1965.	4369
19	1,079	2.0	107	18	628	3.5		2,000	25.0		4253
10	1,757	7.0	126	10	450	1.0		2,800 2,930	90.0		4255
191	585	77.6	163	26	37	6.0	1,550	1,970 2,250	10.0		4349
71	417	3.7	21	138	397	14.1	880	2,300	40.0		4257
69	189	24.0	108*			11.8	800	2,320	30.0 *	Incl.prim.prod.	4357
159	1,031	9.1*	179*	397*	1,600*	18.2	1,100	1,950	37.5 *	Incl. 2617.	2616
143	715	*	*	*	*	32.5	1,100	1,930	75.0 *	Incl. with 2616.	2617
21	40	16.0	22	4	5	5.7	750	2,550	20.0		3615
	1,087		356		55			2,553	29.4 *	No data 1965.	3617
229	1,754	9.3	278	193	860	20.8	1,300	2,945	10.0		3605
177	248	7.1	7	47	77	12.8	680	2,840	19.7		3618
6	85	4.3	11	14	26	0.4	1,350	2,850	33.3		3616
	692*		41*		272*			2,850	40.0 *	No data 1965.	3604
68	92	2.8	4	26	44	25.7		3,190	80.0		3430
217	1,446	5.3	30	144	1,288	20.5	800	1,930			2009
284	1,497	49.4	309	128	373			1,285 1,960	25.0		3970
471	2,257	24.8	186*	112	208†	21.5	806	1,285	14.0 *	Incl.prim.prod. since 1-60. †Cum. since 1-64.	3972
595	2,574	73.7*	537*	365			1,150	1,300	13.3 *	Incl. 3987; incl.prim.prod.	3968
433	2,016	*	*	365			1,240	1,950	16.0 *	Incl. with 3968.	3987
9	72	1.8	34	3	23	3.0		2,332	10.0		4396
280	785	20.5	46	20	183	17.0	1,425	2,200	22.0		4361
68	982	11.4	115	64	325	4.2	1,460	2,920	17.0		1418
1,616*	18,095*	129.5*	1,830*	497*	4,704*	1.5	600	2,175 2,900	60.0 *	Incl. 4356.	4258
7	752	1.0	542	5	1,267	1.8	200	2,530	20.0		4259
*	*	*	*	*	*			2,900	21.0 *	Incl. with 4258.	4356
167	11,561	19.6	525	41*	3,805*	5.5	1,000	1,695	56.0 *	Est.	1413
225	1,241	17.8	78	155	174		1,500	2,935	32.5		4318
1,212	18,442	28.0	2,251*	528	9,311	9.0	591	2,500	20.0 *	Adj. to operator's total.	4261
1,073	16,030	41.4	2,275	1,005	9,378	24.5		2,628	20.0		4260
51	103	42.5	86	51	103*	3.4		2,788	20.0 *	Since 1-1-64.	4385
212	283	6.0	7	3	3	16.1	900	2,550	33.3		1435
63	181	13.9	31*	5	20	21.8	1,100	1,640	56.0 *	Op. adj.	2267
147	1,431	4.7	199	55	436	10.0	450	2,400	35.0		1515
334	2,173	7.3	193	418	2,605	3.3		2,950			318
151	173	9.1	107	215	1,037			2,300 2,600			328
282	3,027	49.4	355	236	454*		1,100	2,850 2,870	60.0 *	Since 1-64.	1100
71	545	41.0	153			5.4	300	2,530	30.0		1102
97	261	10.6	45	23	46	4.4	1,300	2,600	8.3		339
152	414	21.6	73	104	164	28.0		2,860	20.0		1107
60*	1,834	2.4*	101	55*	888			2,856 2,863	40.0 *	Est.; abd. 7-65.	1103
38	1,822	1.8	139	50	649	4.4	700	2,600	20.0		313
100	117	18.3	19	52	53	9.1	640	2,610	20.0		344
366	1,114	94.3	382	214	357	10.0	1,150	2,580	22.0		336
603	5,377	68.3	954	195	2,409	8.5		2,600			311
204	562	47.5	191*	89	384	5.8		2,600	14.0 *	Op. adj.	340
93	223	11.1	43*	92	174	42.2	500	3,000	40.0 *	Incl.prim.prod.	333
74*	1,177	1.0	28	71	496	33.0	700	2,620	80.0 *	Inj. temp. suspended 6-65.	315
264	2,588	12.9	128	124	946	30.2	1,800	2,880	25.0		329

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R
1106	Sailor Springs C	Sohio Pet. Co.	Effingham, Clay	Rosiclare Lime U	6-61	Spar Mtn	32-6N-7E; 5-5N-7E
2278	St. Francisville	Logan Oil Co.	Lawrence	Wilson B	11-64	Benoist	20-2N-11W
2218	St. Francisville	Bauer Bros.	Lawrence	All States Life	11-57	Bethel	22-2N-11W
2503	St. Jacob	Warrior Oil Co.	Madison	Trenton Lime U	8-62	Trenton	15,16,21,27-3N-6W
1238	St. James	Gulf Oil Corp.	Fayette	Wm. Smail	7-63	Cypress	36-6N-2E
1240	St. James	Marathon Oil Co.	Fayette	St. James No. 1-C	8-63	Cypress	30-5S-3E; 36-6N-2E
1239	St. James	Texaco, Inc.	Fayette	St. James W F	5-63	Cypress	25-6N-2E; 30,31-6N-3E
1912	Ste. Marie	John B. Murvin	Jasper	Ste. Marie	11-61	Spar Mtn	7-5N-11E
2612	Salem C	T.M. Conrey, Jr.	Marion	Sebastian	1-59	Benoist	21-1N-2E
2010	Salem C	Humble	Jefferson	Salem C	8-60	Aux Vases	3,4,10-1S-2E
2618	Salem C	Ill. Lse. Op., Inc.	Marion	Phelps-Walnut Hill U	6-63	Spar Mtn	28,33-1N-2E
2605	Salem C	Texaco, Inc.	Marion	Salem U	10-50	Benoist	T1,2N-R2E
2606	Salem C	Texaco, Inc.	Marion	Salem U	10-50	Devonian	T1,2N-R2E
2607	Salem C	Texaco, Inc.	Marion	Salem U	4-51	McClosky	T1,2N-R2E
2608	Salem C	Texaco, Inc.	Marion	Salem U	10-50	Aux Vases	T1,2N-R2E
1318	Sesser C	Nat. Assoc. Pet.	Franklin	Old Ben Coal Flood	7-64	Aux Vases, Devonian	13,14,23,24-6S-1E
1306	Sesser C	Will I. Lewis	Franklin	Sesser U*	8-58	Renault	17,19,20-5S-2E
410	Shattuc	T.M. Conrey, Jr.	Clinton	Gullick	7-59	L. Cypress	28-2N-1W
415	Shattuc	T.M. Conrey, Jr.	Clinton	Mann	1-61	Cypress, Benoist	28-2N-1W
416	Shattuc	T.M. Conrey, Jr.	Clinton	Maschhoff	8-64	Cypress, Benoist	28-2N-1W
417	Shattuc	T.M. Conrey, Jr.	Clinton	Redeker	1-64	U. Cypress	27-2N-1W
1416	Shawneetown N	Sun Oil Co.	Gallatin	L. Miller	11-59	Aux Vases	7-9S-10E
700	Siggins	Bell Bros.	Cumberland	Flood 1	9-50	Siggins	13-10N-10E
702	Siggins	Forest Oil Corp.	Cumberland	Siggins	4-62	Siggins	13,14-10N-10E;7,11,12-10N-11E
215	Siggins	R.W. Harper	Clark, Cumberland	Siggins	4-52	Casey	7-10N-14W; 7-10N-11E
216	Siggins	Union Oil Calif.	Cumberland	Union Group(Siggins)	12-46	Siggins	18-10N-11E
2400	Staunton W	Joe Waitukaitis	Macoupin	Dehne*	5-60	Penn	16-7N-7W
3800	Stewardson	W.L. Belden	Shelby	Chaffee-Harper-Wabash	9-59	Aux Vases	27-10N-5E
3801	Stewardson	R.H. and J.B. Troop	Shelby	Mort Moran	6-62	Aux Vases, Spar Mtn	27-10N-5E
4296	Storms C	Bernard Podolsky	White	McQueen	6-60	Degonia, Clore	32-5S-10E
4263	Storms C	Sinclair O. and G.	White	Storms Pool U	3-56	Waltersburg	2,11-15,22-24-6S-9E
4399	Storms C	Sinclair O. and G.	White	N. Storms Ext. Coop.	6-64	Waltersburg, Tar Springs, Aux Vases	1,12-6S-9E
4295	Storms C	Tamarack Pet. Co.	White	Hanna	8-60	Clore	32-5S-10E
4372	Storms C	Tamarack Pet. Co.	White	Hanna	12-62	Biehl	32-5S-10E
3101	Tamaroa S	Canter Drlg. Co.	Perry	Bagwill	1-62	Cypress	28-4S-1W
3100	Tamaroa S	Ill. Lse. Op., Inc.	Perry	Tamaroa	12-61	Cypress	14,23-4S-1W
1551	Thackeray	Marathon Oil Co.	Hamilton	Thackeray U WF No.3-A	4-64	Aux Vases	10,11,15-5S-7E
1305	Thompsonville N	B. Bragassa	Franklin	Thompsonville U*	3-54	Aux Vases	10,15-7S-4E
1304	Thompsonville N	Fairfield Salvage	Franklin	Thompsonville U*	1-56	Aux Vases	3,9,10-7S-4E
1302	Thompsonville E	Humble	Franklin	E. Thompsonville	7-54	Aux Vases	12-7S-2E
2609	Tonti	Tamarack Pet. Co.	Marion	Branch	4-59	Benoist, McClosky	4-2N-2E
2620	Tonti	Texaco, Inc.	Marion	Tonti U	2-64	McClosky	4-2N-2E
2621	Tonti	Texaco, Inc.	Marion	Tonti U	2-64	Spar Mtn	4-2N-2E
2622	Tonti	Texaco, Inc.	Marion	H. McMackin	3-64	Spar Mtn	34-3N-2E
4279	Trumbull C	Estelle Price	White	Barnes No. 1*	11-59	Aux Vases	19-5S-9E
4362	Trumbull C	R.K. Pet. Corp.	White	Trumbull	11-62	Cypress	24-5S-8E; 18-5S-9E
4336	Trumbull C	Texaco, Inc.	White	Moore-Nibling U	11-61	McClosky	7-5S-9E
1517	Walpole	Capitol Oil, Inc.	Hamilton	Walpole U	11-60	Aux Vases	3-7S-6E
1532	Walpole	Royalco, Inc.	Hamilton	Walpole W U	7-62	Aux Vases	28,33-6S-6E
1518	Walpole	Texaco, Inc.	Hamilton	Walpole U	12-60	Aux Vases	22,26,27,34,35-6S-6E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well		Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls								
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65							
394	2,727	136.0	580	225	973	15.5	50	2,800				1106
12	23	0	0			3.3		1,850	30.0			2278
210	2,624	8.1	168	57	918	1.9	1,320	1,740	10.0			2218
552	1,950	95.0	205	341	827	8.0	1,000	2,351	10.0			2503
137	323	32.8	82	237	703	12.4	700	1,561	25.0			1238
460	2,361	86.8	208	234	511	7.2	800	1,600	35.0			1240
108	386	1.1	11	501	1,331	26.5	625	1,600	80.0			1239
			2					2,910	80.0	*	No data 1962-1965.	1912
6	35	0.9	7			2.0		1,927	20.0			2612
2,039	9,843	80.3	499	1,776	7,087	10.1	310	2,000	32.0			2010
229	309	25.0	41	17	20	11.0	700	2,102	65.0			2618
18,799	387,995	938.0	37,485	16,200	187,116	11.0	1,200	1,770	51.2			2605
9,712	73,327	369.6	1,536	7,644	33,766	33.0		3,400				2606
19,916	232,261	1,286.1	16,460	17,329	124,245	38.0	1,220	1,950	51.7			2607
31,126	165,030	3,690.4	22,390	19,338	71,247	13.0	1,200	1,825	25.8			2608
670	876	105.3	124	186	210	12.0	1,500	2,600 4,375	40.0			1318
	1,574		172		75			2,690	36.7	*	No data 1965.	1306
25	183	4.7	40*			5.0		1,285	35.0	*	Incl.prim.prod.	410
12	24	3.3	7					1,290 1,436	10.0			415
7	10	3.5	7	7	10	2.2		1,436 1,440	10.0			416
32	38	1.7	3			11.0		1,290	20.0			417
51	326	1.7	48	33	160	4.7	1,800	2,750	15.0			1416
27	594	8.4	213	54	465*	0.4	210	320	9.0	*	Excl. 1959, 1960.	700
3,346	73,271	278.2	11,287			0.6	335	400	4.4			702
34	2,887	4.1	285	24	1,273	0.1	250	450	4.5			215
676	21,749	27.7	2,645	654	19,044	0.8		404	5.0			216
	18		1		2			490		*	No data 1962-1965.	2400
95	558	5.4	9			13.0	460	1,750				3800
205	605	15.5	62	95				1,950 2,035	20.0			3801
147	1,873	5.8	210	65	721	2.3	1,500	2,550 2,580	16.7			4296
11,391	84,511	244.2	2,168	5,825	46,047	52.0	1,200	2,240	14.0			4263
1,723	2,105	73.9	90	511	616		1,400	2,290 2,390 2,980	17.5			4399
189	742	33.9*	224*	88*	438*	10.4	1,500	2,100	24.0	*	Incl. 4372.	4295
25	55	*	*	*	*	2.5	1,450	1,826	17.5	*	Incl. with 4295.	4372
79	238*	5.4	16†	79	238*	19.4	320	1,125	60.0	*	Since 1-63. †Incl.prim.prod.	3101
227	985	13.8	50	187	404	15.5	700	1,140	45.0			3100
1,781	3,079	188.4	234	419	442	21.7	930	3,368	28.0			1551
	1,032		125		80			3,120	25.1	*	No data 1964,1965.	1305
	1,786		381		360			3,020	33.7	*	No data 1965; 1963,1964 est.	1304
170	1,774	4.1	129	80	1,007	13.0	780	3,200	15.0			1302
180	776	10.0	129	180	776			1,950 2,122	30.0			2609
951	1,539	49.8*	60*	1,625*	2,496*	20.7	200	2,125	20.0	*	Incl. 2621.	2620
333	479	*	*	*	*	28.5	225	2,108	35.0	*	Incl. with 2620.	2621
74	109	1.2	1	74	109	25.2		2,108	30.0			2622
	43		2		43			3,153	20.0	*	No data 1964,1965.	4279
450	990	39.7	107*	18	38	20.5	1,550	2,848	30.0	*	Op. adj.	4362
*	*	2.0	9	19	59			3,283	20.0	*	Dump flood unknown.	4336
276	1,310	9.4	74			10.3	1,400	3,180	20.0			1517
267	1,046	52.9	124	131	288	12.2	1,325	3,200	40.0			1532
2,722	14,818	295.7	1,969	1,908	5,994	15.8	1,550	3,100	52.9			1518

TABLE 11 — ILLINOIS WATERFLOOD PROJECTS

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
1546	Wapole	Texaco, Inc.	Hamilton	Wapole E U	9-63	Aux Vases	26,35-6S-6E
2610	Wamac	Mineral Resources	Marion	Wamac WF*	5-54	Petro	19,30-1N-1E
414	Wamac W	Jet Oil Co.	Clinton	Wamac W	11-62	Benoist	22-1N-1W
1301	W. Frankfort	Farrar Oil co.	Franklin	W. Frankfort U	11-57	Tar Springs	18,19-7S-3E
1307	W. Frankfort C	Higgins Assoc.	Franklin	Horn-Dimond 'B'	7-59	Ohara, McClosky	24,25-7S-2E
1313	W. Frankfort C	Killion-McClement	Franklin	Tew-Sinks	9-62	Aux Vases	19,20-7S-3E
1315	W. Frankfort C	Shell Oil Co.	Franklin	Pond Creek	8-62	Tar Springs, Ohara	25-7S-2E
346	W. Seminary	Gulf Oil Corp.	Clay	West Seminary U	3-64	Aux Vases, McClosky	5,6,8-2N-7E
1312	Whittington W	Kewanee Oil Co.	Franklin	Plains	2-61	Renault	1,2,11,12,14-5S-2E
2019	Williams C	Warrior Oil Co.	Jefferson	Williams S U	10-64	Aux Vases	10,11-3S-2E
1906	Willow Hill E	Union Oil Calif.	Jasper	Willow Hill Consol.	6-57	McClosky	6-6N-11E
2023	Woodlawn	Texaco, Inc.	Jefferson	Walker No. 7	3-64	Cypress, Benoist	2-3S-1E
4137	Zenith N	Mobil Oil Corp.	Wayne	Zenith Field U	3-59	Spar Mtn	21-2N-6E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well	Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls							
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65						
322	795	85.0	139	108	122	10.2	1,540	3,100	32.0		1546
	4		7		11			765	20.0	* No data 1965.	2610
402	1,361	53.6	121	318	874	11.8		1,450	22.0		414
150	4,792	2.1	561	222	3,021			2,050	23.5	* 1964,1965 est. Abd 7-1-65.	1301
36	362	2.5	82	36	215			2,760 2,845	30.0		1307
113	426	96.1	185	24	93	10.0	1,400	2,730	40.0		1313
222	852	15.6	143	160	276	15.0	1,128	2,060 2,770	35.0		1315
1,298	2,246	147.4	269	617	809		850	2,970 3,080	19.3		346
737	2,990	26.3	343*	243	836		850	2,675	66.7	* Incl.prim.prod.	1312
285	328	10.5	13	222	266	18.0	720	2,555	29.8		2019
2	2	1.1	12	2	133	8.0		2,634	70.0		1906
138	255	2.4	5	100	177		500	1,790 1,950	40.0		2023
101	451	4.0	54	32	120	10.3		3,100	27.0		4137

Project no.	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R	Water inj., M bbls Total 1965	Water inj., M bbls Cumulative 12-31-65	Oil prod., M bbls Total 1965	Oil prod., M bbls Cumulative 12-31-65	Water prod., M bbls Total 1965	Water prod., M bbls Cumulative 12-31-65	Av. inj. per day per foot bbls	Maximum well-head pressure psi
1321	Akin	C. E. Brehm	Franklin	U. S. Steel	6-65	Aux Vases	26-6S-4E	48	48	3.6	4				
1032	Albion C	Superior Oil Co	Edwards	Works U	12-65	Waltersburg, Bethel, Aux Vases, McClosky	18,19-2S-11E	6 2 4 6	6 2 4 6	4.8	5	5	5		600 755 1,585
1031	Albion E	Warrior Oil Co	Edwards	E. Albion Waltersburg SD	10-65	Waltersburg	31-1S-14W; 6-2S-14W	82	1,632*	10.9	657*	78	1,568	10.0	200
3865	Allendale	John Bledsoe, Jr.	Wabash	Hovermale	2-65	Benoist	36-2N-13W	64	64	2.2	2	12	12	5.8	200
3869	Allendale	Illinois Oil Co	Wabash	French et al	5-65	Biehl	32-2N-12W	4	4	2.0	2			2.0	1,000
3871	Allendale	Dayton Loeffler	Wabash	Friendsville E U	6-64	Biehl	19-1N-12W	31	47	8.7	10	1	1	4.3	1,125
3868	Allendale	Universal Oper	Wabash	Litherland-Smith	4-65	Biehl	5-1N-12W	91	91	45.6	46			10.5	540
4199	Barnhill	N. V. Duncan	Wayne	Boze U	11-63	Aux Vases	28,33,34-2S-8E	60	124	4.9	89			2.5	
4008	Beaucoup S	Warrior Oil Co	Washington	Cilbert E	1-55	Benoist	34-2S-2W	7	80*	1.3	30*	7	80*	3.3	
1558	Bungay C	Collins Brothers	Hamilton	N. Bungay U	9-65	Renault, A.V.	13,14,23,24-4S-7E	102	102	2.2	2	4	4		100
1554	Bungay C	Mobil Oil Co	Hamilton	Hayes	9-65	Aux Vases	15-4S-7E	21	21	2.0	2	6	6	4.3	
4402	Carmi	Royal Oil and Cas	White	Niekamp	9-65	McClosky	26-5S-9E	48	48	1.3	1*	4	4	60.6	600
4409	Centerville	Sun Oil Co	White	Brown U	12-65	Ohara	2-4S-9E	4	4			1	1	68.0	
1918	Clay City C	Continental Oil	Jasper	W Liberty U	4-65	McClosky	16-5N-10E	5	5	1.2	1	2	2	3.0	
3433	Clay City C	Continental Oil	Richland	Dundas W U	1-65	McClosky	28,33-5N-10E	223	223	4.0	4	2	2	61.0	1,450
4191	Clay City C	R. C. Davoust	Wayne	Cisne U	11-65	Aux Vases	3,9,10-1S-7E	38	38	.9	1	1	1	16.7	200
4098	Clay City C	N. V. Duncan	Wayne	Jones	12-62	Aux Vases	9-1S-7E	39	116	8.1	19			5.0	700
4099	Clay City C	N. V. Duncan	Wayne	Bradley U	5-60	Aux Vases	26-1N-7E	90	547	4.6	126*			4.0	
4197	Clay City C	Ill. Lease Op, Inc	Wayne	Borah No. 3	10-65	Aux Vases	4-1S-8E	1	1			1	1	.5	
4198	Clay City C	Ill. Lease Op, Inc	Wayne	J. D. Vurdulas*	10-62	Ohara	26-1S-7E	58	58	13.1	13	72	72	8.0	150
4184	Clay City C	Ill. Mid-Continent	Wayne	Crews-Short Coop.	12-65	Aux Vases	33,34-1S-8E	1	1					2.0	
4196	Clay City C	Joe Simpkins	Wayne	Misener U	8-65	Aux Vases	3-2S-8E; 33,34-1S-8E	332	332	7.0	7	8	8	6.4	700
4190	Clay City C	So. Ill. Oil Prod	Wayne	S Cisne	11-65	Aux Vases	27-1N-7E	7	7	2.4	2	2	2	7.3	
4193	Clay City C	Tamarack Pet Co	Wayne	Wilson U	1-65	Aux Vases	23,26-2N-8E	378	378	26.9	27	14	14	9.8	1,400
4194	Clay City C	Tamarack Pet Co	Wayne	Gray	11-65	Aux Vases	16,21-1S-8E	16	16	.5	1	1	1	6.0	100
349	Clay City C	Union Oil Calif	Clay	Thomas School U	7-65	McClosky	8-2N-8E	469	469	42.9	43	469	469	4.2	
358	Clay City C	Union Oil Calif	Clay	C. Wilkin	5-65	McClosky	28-3N-8E	72	72	19.8	20	218	218	11.3	
1919	Clay City C	Union Oil Calif	Jasper	N Dundas U	7-65	Aux Vases McClosky	7,18-5N-10E	192	192	16.8	17	118	118		
3431	Clay City C	Union Oil Calif	Richland	Hog Run Consld	10-65	Aux Vases McClosky	17-3N-9E	42	42	1.6	2	3	3		
4096	Clay City C	Union Oil Calif	Wayne	L. E. Elliott	4-51	Spar Mtn	1-1N-7E	48	48*	2.1	2*	48	48*	14.4	
4097	Clay City C	Union Oil Calif	Wayne	B. F. Thomas	2-50	McClosky	11-1S-8E	59	59*	9.2	9*	40	40*	14.8	
4185	Clay City C	Union Oil Calif	Wayne	Zif Cons	12-64	Aux Vases, McClosky	4-1N-8E; 33-2N-8E	662	662	46.3	46	387	387		
4186	Clay City C	Union Oil Calif	Wayne	Sycamore Cons	11-64	Aux Vases	22,23-2N-7E	286	286	40.7	41	64	64		
4187	Clay City C	Union Oil Calif	Wayne	S Cisne U	12-64	Aux Vases	27,34-1N-7E	203	203	9.3	9	55	55	4.6	
4188	Clay City C	Union Oil Calif	Wayne	N Cisne U	11-64	Aux Vases	22,27-1N-7E	177	177	16.9	17	85	85	3.0	
4192	Clay City C	M. J. Williams	Wayne	O. H. Gray B NO.2	11-65	Aux Vases	21-1S-8E	4	4					2.5	

Depth feet	Reservior statistics (averag Net pay thickness feet	Porosity percent	Permeability millidarcys
,100	16.0		
321	6.0	17.4	32
919	6.0	14.6	10
007	5.0	15.8	12
068	8.0	14.2	
250	11.2	20.6	167
948	30.0	18.7	77
575	8.0	17.0	40
520	20.0	15.0	200
500	15.0		
328	22.0		
445	6.0	17.5	111
280	5.0	18.0	325
300	10.0	20.0	
275	13.5	21.8	
143	8.0		
360	13.0		
900	7.0		
870	5.0	13.0	120
100	10.0	18.0	50
120	21.7		
013	20.0	22.0	100
040	22.0		
215	20.0		
150	15.0	14.0	40
170	18.0		
004	16.0		
960	14.0	19.0	30
150	12.0		
000	27.0	13.0	200
958	29.0	15.0	24
720	37.0	18.0	87
791	31.0		
883	25.0	15.0	75
967	7.0		
990	9.0	15.0	75
111	11.0	15.0	24
945	15.0	18.0	75
023	5.0		
930	20.0	19.0	75
005	35.0	18.0	75
005	35.0	18.0	75
141	31.0		

Project no.	Ceneral information Field C = Consolidated	Operator	County	Project U = Unit
4404	Crossville	Continental Oil	White	Crossville W U
1552	Dale C	C. E. Brehm	Hamilton	Moore U
1553	Dale C	C. E. Brehm	Hamilton	Crow U
1556	Dale C	Joe A. Dull	Hamilton	Dale W WF
1564	Dale C	N. V. Duncan	Hamilton	Knight
1559	Dale C	Gulf Oil Corp	Hamilton	M. E. Parks 'B'
1563	Dale C	Kingwood Oil Co	Hamilton	Dodd-Wilson U
1557	Dale C	Mac Oil Co	Hamilton	Burnett WF U
1561	Dale C	Marathon Oil Co	Hamilton	Brill U
1565	Dale C	Marathon Oil Co	Hamilton	Moore U
1562	Dale C	Stewart Oil Co	Hamilton	Jones No. 2
1560	Dale C	Texaco, Inc	Hamilton	Dale U
4189	Goldengate C	M. H. Caldwell	Wayne	Goldengate E U
4412	Goldengate C	R. C. Davoust	White	Pollard U
3613	Harco W	Lobree Corp	Saline	Harco W Pool U
2625	Hickory Hill	Nat. Assoc. Pet Co	Marion	Halfacre
351	Hord	Jet Oil Co	Clay	Connerly
1436	Inman E C	Autumn Oil Co	Callatin	Egli
1440	Inman W C	Mac Oil Co	Callatin	Jones No. 3
1438	Inman W C	Skiles Oil Corp	Callatin	Ridgway E U
357	Iola C	Jarvis Br Marcell	Clay	Liggett
4009	Irvington	W. C. McBride, Inc	Washington	Brown U
4095	Johnsonville C	Union Oil Calif	Wayne	T. H. Markham
4195	Johnsonville C	Kingwood Oil Co	Wayne	Talbert U
3867	Keensburg S	Alva C. Davis	Wabash	Carst-Epler
353	Kenner	R. H. and J. B. Troop	Clay	Chasteen*
2025	King	Shakespeare	Jefferson	Mace
2289	Lawrence	David Rotstein	Lawrence	W. F. Gould U
2286	Lawrence	Wayne Smith	Lawrence	Buchanan Area
1248	Louden	L. B. Hoss	Fayette	Rhodes
1247	Louden	Mabee Petroleum	Fayette	Kimbrell

Reservoir statistics (average value)						Development as of 12-31-65						Injection water			
						No. of wells				Productive acres					
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	Inj.	Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Under inj.	Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
3,100	16.0			38.0		1	4	Irr	60.0	60		Penn Sd	B		1321
2,321	6.0	17.4	32	35.0		1	8	Periph	40.0	40	574	Gravel Bed	F		1032
2,919	6.0	14.6	10			3		5 Spot	42.0	125					
3,007	5.0	15.8	12			2		Random	45.0	90					
3,068	8.0	14.2				1			40.0	40					
2,250	11.2	20.6	167	36.0	5.9@ 88°F	2	8	Flank	65.8	132	132	Gravel Beds, Prod	M	* Water inj from 8-51, cum oil incl prim prod	1031
1,948	30.0	18.7	77	36.4		1	1		20.0	20	1	Sh Sd, Prod	M		3865
1,575	8.0	17.0	40	36.0		1	1		10.0	10	15	Supply Well	F		3869
1,520	20.0	15.0	200	35.0		1	6	Random		100	100	Sh Sd	F		3871
1,500	15.0			36.3		2	3	Random	60.0	120	200	Penn Sd, Prod	B		3868
3,328	22.0					3	4	5 Spot	23.3	70	70	Penn Sd, Prod	B		4199
1,445	6.0	17.5	111	36.0	7.9@ 77°F	1	1	Random	27.0	27	27	Benoist	B	* Water inj and prod since 1-55, incl prim prod on cum oil	4008
3,280	5.0	18.0	325	39.0		7	8	Periph	10.0	70	200	Penn Sd	B		1558
3,300	10.0	20.0													
3,275	13.5	21.8		60.0		3	3	Irr	20.0	60	63	Sh Sd and Prod	M		1554
3,143	8.0			34.0		1	2	Line	60.0	60	60	Penn Sd and Prod	B	* Incl prim prod	4402
3,360	13.0			37.0		1	1	Irr	20.0	20	20	Penn Sd	B		4409
2,900	7.0					1	1	Line D	20.0	100	100	Penn Sd and Prod	M		1918
2,870	5.0	13.0	120			2	5	Line D	20.0	160	220	Produced	B		3433
3,100	10.0	18.0	50	34.5	3.5@ 100°F	4	8	M Line	45.0	180	180	Penn Sd	B		4191
3,120	21.7					1	4	Random	50.0	50		Sh Sd	F		4098
3,013	20.0	22.0	100	39.0		3	3	Random	53.3	160	80	Cypress	B	* Incl prim prod	4099
3,040	22.0					1	1	Random	20.0	20	20	Produced	B		4197
3,215	20.0			38.0		1	3	Line D	20.0	20	20	Penn Sd	B	* Data prior to 1965 not available	4198
3,150	15.0	14.0	40			3	3	5 Spot	20.0	60	60	Penn Sd	B		4184
3,170	18.0					20	19	5 Spot	20.0	400	400	Penn Sd, Prod	B		4196
3,004	16.0			38.0		1	4		40.0	40		Penn Purchased	B		4190
2,960	14.0	19.0	30	39.0	3.2@ 60°F	8	18	Periph	35.0	200	300	Sh Gravel	F		4193
3,150	12.0			39.0		4	9	Irreg	25.0	100	140	Cypress Sd	B		4194
3,000	27.0	13.0	200			26	51	Line D		2,410	2,410	Penn Sd and Prod	B		349
2,958	29.0	15.0	24	36.0		1	7	Irr	80.0	80	80	Produced	B		358
2,720	37.0	18.0	87			20	34	Line D		1,700	1,700	Penn Sd and Prod	B		1919
2,791	31.0														
2,883	25.0	15.0	75			2	5	Irr		229	229	Cypress and Prod	B		3431
2,967	7.0														
2,990	9.0	15.0	75	35.2		1	1	Irr	60.0	60	60	Produced	B	* No data prior to 1965	4096
3,111	11.0	15.0	24	39.4		1	10	Irr		686	686	Produced	B	* No data prior to 1965	4097
2,945	15.0	18.0	75			18	23	5 Spot	63.7	1,147	1,147	Penn Sd and Prod	B		4185
3,023	5.0														
2,930	20.0	19.0	75			7	9	Line D	62.9	440	440	Penn Sd and Prod	B		4186
3,005	35.0	18.0	75			6	10	Line D		400	400	Penn Sd and Prod	B		4187
3,005	35.0	18.0	75			8	12	Line D	80.0	640	640	Penn Sd and Prod	B		4188
3,141	31.0					1	1	5 Spot	20.0	20	20	Purchased	F		4192

Project no.	General information: Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R	Production and injection statistics: Water inj., M bbls Total 1965	Water inj., M bbls Cumulative 12-31-65	Oil prod., M bbls Total 1965	Oil prod., M bbls Cumulative 12-31-65	Water prod., M bbls Total 1965	Water prod., M bbls Cumulative 12-31-65	Av. inj. per day per foot bbls	Maximum well-head pressure psi
4404	Crossville	Continental Oil	White	Crossville W U	3-65	Aux Vases, Spar Mtn., McClosky	15,16-4S-10E	300	300	S.4	5	21	21	40.0	
1552	Dale C	C. E. Brehm	Hamilton	Moore U	4-65	Aux Vases	29,30,32-6S-5E	251	251	4.2	4			33.4	
1553	Dale C	C. E. Brehm	Hamilton	Crow U	4-65	Aux Vases	31-6S-5E	140	140	S.2	5			33.5	
1556	Dale C	Joe A. Dull	Hamilton	Dale W WF	12-65	Aux Vases	6-7S-5E	9	9	.3	1	1	1	28.0	200
1564	Dale C	N. V. Duncan	Hamilton	Knight	9-61	Aux Vases	9-6S-6E	214	681	9.4	14	214	681	15.8	
1559	Dale C	Gulf Oil Corp	Hamilton	M. E. Parks '8'	8-65	Ohara	34-6S-5E	31	31	1.5	2	10	10	18.0	300
1563	Dale C	Kingwood Oil Co	Hamilton	Dodd-Wilson U	1-65	Cypress, Bethel, Aux Vases	6-6S-7E	1,650	1,650	90.5	91	162	162	15.0 12.0 17.0	800
1557	Dale C	Mac Oil Co	Hamilton	Burnett WF U	3-62	Aux Vases	1-7S-5E	68	234	6.4	17	16	53	10.0	900
1561	Dale C	Marathon Oil Co	Hamilton	Brill U	1-65	Hardinsburg, Cypress, Bethel, Aux Vases	6-6S-7E	1,782	1,782	41.3	42	72	72		
1565	Dale C	Marathon Oil Co	Hamilton	Moore U	6-65	Aux Vases, L Ohara	26,34,3S-6S-5E	293	293			28	28		500
1562	Dale C	Stewart Oil Co	Hamilton	Jones No. 2	11-62	Aux Vases	18-6S-6E	64	181	3.9	89	22	39	8.7	735
1560	Dale C	Texaco, Inc	Hamilton	Dale U	7-65	Tar Springs, Hardinsburg, Cypress, Benoist, Aux Vases	1,2,11-13-6S-6E; 5-8,17-19-6S-7E	205 99 512 1,508 3,863	205 99 512 1,508 3,863	101.3 * * * *	101 * * * *	880 * * * *	880 * * * *	13.1 10.8 5.9 4.0 42.0	1,000 1,260 1,250
4189	Goldengate C	M. H. Caldwell	Wayne	Goldengate E U	7-65	Bethel, Aux Vases	26-2S-9E	28	28	2.7	3	6	6	6.6 6.0	310
4412	Goldengate C	R. C. Davoust	White	Pollard U	1-63	Aux Vases	21, 22,27,28-3S-9E	244	796	17.5	55	153	313	10.7	1,380
3613	Harco W	Lobree Corp	Saline	Harco W Pool U	11-65	Aux Vases	29-8S-5E	8	8		109				85
2625	Hickory Hill	Nat. Assoc. Pet Co	Marion	Halfacre	10-65	Benoist	27-1N-4E	4	4	3.7	5*	19	22*	4.0	
351	Hord	Jet Oil Co	Clay	Connerly	10-65	Aux Vases, Spar Mtn	14-5N-6E	6	6			6	6		
1436	Inman E C	Autumn Oil Co	Gallatin	Egli	4-64	Tar Springs, Cypress	20,28-7S-10E	145 59	193 81	45.6* *	96* *	57* *	99* *	3.8	1,123
1440	Inman W C	Mac Oil Co	Gallatin	Jones No. 3	5-65	Tar Springs	11-8S-9E	37	37	1.5	2	4	4	10.8	1,600
1438	Inman W C	Skiles Oil Corp	Gallatin	Ridgway E U	11-65	Cypress	14,22,23,27-8S-9E	4	4			8	8	2.9	
357	Iola C	Jarvis Br Marcell	Clay	Liggett	1-58	Aux Vases	17-5N-5E	18	201	1.4	31	18	201	50.0	
4009	Irvington	W. C. McBride, Inc	Washington	Brown U	9-64	Benoist	23-1S-1W	116	139	4.7	5	38	38	26.5	500
4095	Johnsonville C	Union Oil Calif	Wayne	T. H. Markham	12-52	McClosky	9-1S-6E	12	12*	23.1	23*	12	12	4.8	
4195	Johnsonville C	Kingwood Oil Co	Wayne	Talbert U	1-65	Aux Vases	32-1N-6E	241	241	15.5	16	24	24	12.9	1,600
3867	Keensburg S	Alva C. Davis	Wabash	Carst-Epler	10-64	Cypress	34,35-2S-13W	97	125	16.2	16	6	6	5.6	1,600
353	Kenner	R. H. and J. B. Troop	Clay	Chasteen*	8-63	Benoist, Renault, Aux Vases	36-3N-5E	13	13	2.8	3	13	13	34.3	
2025	King	Shakespeare	Jefferson	Mace	11-64	Aux Vases	33,34-3S-3E	3	3	26.2	26	3	3	1.0	
2289	Lawrence	David Rotstein	Lawrence	W. F. Could U	9-65	Cypress	31-3N-12W	93	93			1	1	5.4	
2286	Lawrence	Wayne Smith	Lawrence	Buchanan Area	7-63	Bridgeport	2-2N-12W	91	186					3.1	
1248	Louden	L. B. Moss	Fayette	Rhodes	12-65	Cypress	18-7N-3E	5	5	10.1	10	55	55	8.3	
1247	Louden	Mabee Petroleum	Fayette	Kimbrell	1-59	Cypress	19-7N-3E	109	819	3.3	3*	9	9*	6.8	200

Date first inj.	"Formation"	Section, T-R	Production and injection statistics							
			Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls		Av. inj. per day per foot bbls	Maximum well-head pressure psi
			Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65		
3-65	Aux Vases, Spar Mtn., McClosky	15,16-4S-10E	300	300	5.4	5	21	21	40.0	
4-65	Aux Vases	29,30,32-6S-5E	251	251	4.2	4			33.4	
4-65	Aux Vases	31-6S-5E	140	140	5.2	5			33.5	
12-65	Aux Vases	6-7S-5E	9	9	.3	1	1	1	28.0	200
9-61	Aux Vases	9-6S-6E	214	681	9.4	14	214	681	15.8	
8-65	Ohara	34-6S-5E	31	31	1.5	2	10	10	18.0	300
1-65	Cypress, Bethel, Aux Vases	6-6S-7E	1,650	1,650	90.5	91	162	162	15.0 12.0 17.0	800
3-62	Aux Vases	1-7S-5E	68	234	6.4	17	16	53	10.0	900
1-65	Hardinsburg, Cypress, Bethel, Aux Vases	6-6S-7E	1,782	1,782	41.3	42	72	72		
6-65	Aux Vases, L Ohara	26,34,35-6S-5E	293	293			28	28		500
11-62	Aux Vases	18-6S-6E	64	181	3.9	89	22	39	8.7	735
7-65	Tar Springs, Hardinsburg, Cypress, Benoist, Aux Vases	1,2,11-13-6S-6E; 5-8,17-19-6S-7E	205 99 512 1,508 3,863	205 99 512 1,508 3,863	101.3 * * * *	101 * * * *	880 * * * *	880 * * * *	13.1 10.8 5.9 4.0 42.0	1,000 1,260 1,250
7-65	Bethel, Aux Vases	26-2S-9E	28	28	2.7	3	6	6	6.6 6.0	310
1-63	Aux Vases	21, 22,27,28-3S-9E	244	796	17.5	55	153	313	10.7	1,380
11-65	Aux Vases	29-8S-5E	8	8		109				85
10-65	Benoist	27-1N-4E	4	4	3.7	5*	19	22*	4.0	
10-65	Aux Vases, Spar Mtn	14-5N-6E	6	6			6	6		
4-64	Tar Springs, Cypress	20,28-7S-10E	145 59	193 81	45.6* *	96* *	57* *	99* *	 3.8	 1,123
5-65	Tar Springs	11-8S-9E	37	37	1.5	2	4	4	10.8	1,600
11-65	Cypress	14,22,23,27-8S-9E	4	4			8	8	2.9	
1-58	Aux Vases	17-5N-5E	18	201	1.4	31	18	201	50.0	
9-64	Benoist	23-1S-1W	116	139	4.7	5	38	38	26.5	500
12-52	McClosky	9-1S-6E	12	12*	23.1	23*	12	12	4.8	
1-65	Aux Vases	32-1N-6E	241	241	15.5	16	24	24	12.9	1,600
10-64	Cypress	34,35-2S-13W	97	125	16.2	16	6	6	5.6	1,600
8-63	Benoist, Renault, Aux Vases	36-3N-5E	13	13	2.8	3	13	13	34.3	
11-64	Aux Vases	33,34-3S-3E	3	3	26.2	26	3	3	1.0	
9-65	Cypress	31-3N-12W	93	93			1	1	5.4	
7-63	Bridgeport	2-2N-12W	91	186					3.1	
12-65	Cypress	18-7N-3E	5	5	10.1	10	55	55	8.3	
1-59	Cypress	19-7N-3E	109	819	3.3	3*	9	9*	6.8	200

INITIATED DURING 1965 – Continued

Project no.	General information: Field C = Consolidated	Operator	County	Project U = Unit	Reservior statistics (avera: Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys
4011	McKinley	W. C. McBride	Washington	Freiman-Hunleth	010	16.0		
					110	4.0		
					190	6.0		
589	Main C	Marathon Oil Co	Crawford	Sparks WF No 1-M	250	14.0		
595	Main C	Tidewater Oil Co	Crawford	McCane	250	14.0		
4405	Maunie N C	Henry B. Walker, Jr.	White	Gray	260	10.0	18.0	85
4410	Mill Shoals	Coy Oil Co	White	Browne et al	060	18.5		
4411	Mill Shoals	R. C. Davoust Co	White	E Mill Shoals	350	14.0	15.0	35
3870	New Harmony C	Continental Oil	Wabash	Maud N W U	710	20.0		
					875	15.0		
					950	20.0		
3866	New Harmony C	Texaco, Inc	Wabash	Cowling U	215	20.0	16.0	65
1434	Omaha	Natl.Assoc. Pet Co	Gallatin	Phillips	750	4.0		
					000	20.0		
1439	Omaha	Skiles Oil Corp	Gallatin	Pritchett	130	20.0		
3432	Parkersburg C	Continental Oil Co	Richland	Ridgely	210	15.0		
354	Passport	Gulf Oil Corp	Clay	Passport U	315	15.0	18.0	100
					380	10.0	14.0	40
2627	Patoka	Joe Simpkins	Marion	Patoka S	166	20.0	12.0	90
2626	Raccoon Lake	Texaco, Inc	Marion	Raccoon Lake	400	18.5	18.0	52
					475	8.5		
4407	Roland C	Natl. Assoc. Pet. Co	White	Hughes	680	13.3	15.3	109
4413	Roland C	Union Oil Calif	White	Crozier 'A' Silliman	900	18.0	13.0	22
2284	Ruark	Cities Service	Lawrence	W Ruark U	980	16.5	17.3	66
356	Sailor Sprgs C	Gulf Oil Corp	Clay	Bible Grove U	080	10.0		
					206	17.0		
352	Sailor Sprgs C	Mac Oil Co	Clay	Bible W F U	250	12.5	21.0	100
348	Sailor Sprgs C	W. C. McBride, Inc	Clay	Staser U	900	5.2	17.8	39
355	Sailor Sprgs C	McCollum and Kincaid	Clay	Bible Grove U	640	10.0		
350	Sailor Sprgs C	Shakespeare Oil	Clay	Stanford	710	15.0		
					780	10.0		
1109	Sailor Sprgs C	Sinclair Oil and Gas	Effingham	Bible Grove U Sd U	173	12.0	18.5	325
2506	St. Jacob	Sinclair Oil and Gas	Madison	Ellis U	499	21.0	16.5	212
2505	St. Jacob	Warrior Oil Co	Madison	St. Jacob U. No. 1	190	15.0		
1245	St. James	W. L. Belden	Fayette	St. James Waterflood	502	7.0		
1325	Sesser C	Farrar Oil Co	Franklin	Sesser U	800	10.0		
4408	Sumpter E	Natl. Assoc. Pet. Co	White	Carmi	540	12.0	20.0	300
4406	Trumbull N	Shulman Brothers	White	Stocke	158	7.0	15.0	24
					120	13.0	20.7	230
1324	Valier	Barron Kidd	Franklin	Rhen-Rea	398	12.0		
418	Wamac W	Jet Oil Co	Clinton	Jonas	719	9.0		
					774	10.0		
1322	W Frankfort C	Killion and McClement	Franklin	Boner-Merriman U	831	10.0		
1323	Whittington	T. L. Clark	Franklin	U. S. Steel	708	10.0	12.0	16
1246	Wilberton	W. L. Beldon	Fayette	Drewes U, St. Peter Area	590	20.0	19.0	75
2024	Woodlawn	Mobil Oil Co	Jefferson	Kaminski Estate	950	40.0	19.0	100
1320	Zeigler	V. R. Gallagher	Franklin	Zeigler Coal and Coke	530	20.0	19.0	
					534	22.0		

Reservior statistics (average value)						Development as of 12-31-65						Injection water			
						No. of wells				Productive acres					
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	Inj.	Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Under inj.	Total	Source 5d = Sand Gr = Gravel Prod = Produced 5h = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
3,010 3,110 3,190	16.0 4.0 6.0					3	7	Perim	10.0	256	256	Penn and Prod	M		4404
3,250	14.0			37.0		2	8	Irr	55.0	110		Penn Sd	B		1552
3,250	14.0			37.0		1	7	Irr	90.0	90		Penn Sd	B		1553
3,260	10.0	18.0	85	38.0		1	3	Random	80.0	80	80	Penn 5d, Prod	B		1556
3,060	18.5					2	4	Irr	30.0	60	80	Prod	B		1564
3,350	14.0	15.0	35	38.0		1	2	Irr	60.0	60	80	5h Sd	F		1559
2,710 2,875 2,950	20.0 15.0 20.0			37.0	4.0@ 60°F	6	23	5 5pot	33.3	200	200	Hardinsburg	B		1563
3,215	20.0	16.0	65	38.0		1	3	Flank	40.0	40	30	Penn Sd, Prod	B		1557
2,750 3,000 3,130 3,210	4.0 20.0 20.0 15.0					1 7	1 13	5 5pot	10.0 18.5	10 130 130 130	10 130 130 130	Penn 5d, Prod	B		1561
3,315 3,380	15.0 10.0	18.0 14.0	100 40			8 2	9 2	Random	25.0	200 40	200 40	Cyp. and Prod	B		1565
3,166	20.0	12.0	90	37.0		1	2	Random	40.0	40	40	Purchased	B		1562
2,400 2,475 2,680 2,900 2,980	18.5 8.5 13.3 18.0 16.5	18.0 15.3 13.0 17.3	52 109 22 66	36.0 37.0	4.1@ 100°F 4.3@ 100°F	5 3 24 58 55	18 4 67 73 69	Perim Random 5 5pot		4,020	4,020	Penn 5d, Prod	B	* Incl with Tar 5prings	1560
3,080 3,206	10.0 17.0			39.0		1	4		20.0	160	160	Penn 5d	B		4189
3,250	12.5	21.0	100	37.4	3.5@ 100°F	5	6	Periph	34.0	170	170	Penn Sd	B		4412
2,900	5.2	17.8	39	38.0	4.6@ 99°F	1	4		70.0	70	100	Cypress Brine	B		3613
2,640	10.0			36.0		1	1	Line	10.0	10	10	Produced	B	* Oil and prod water from 10-64	2625
2,710 2,780	15.0 10.0					1	2	Perim	20.0	20	40	Produced	B		351
2,173 2,499 2,190	12.0 21.0 15.0	18.5 16.5	325 212	36.8 36.8 36.0	6.6@ 60°F 6.6@ 60°F	2 2 1	10 8 3	Irr Irr Random	20.0 20.0 40.0	110 140 40	378 378 30	Fresh and Prod Fresh and Prod Purchased	M M F	* Oil and prod water incl Tar 5prings and Cypress	1436 1440
2,502	7.0			35.8		5	11	5 5pot	20.0	100	335	5h Fresh	F		1438
2,800	10.0					1	3	Random	60.0	60	60	Produced	B		357
1,540	12.0	20.0	300			1	3	5 5pot	70.0	70	80	Produced	B		4009
3,158	7.0	15.0	24	40.4		1	3	Irr		200	200	Produced	B	* No data prior to 1965	4095
3,120	13.0	20.7	230	37.0	4.5@ 90°F	4	5	Perim	27.5	110	220	Penn 5d, Prod	B		4195
2,398	12.0			37.8		4	5	Random	22.5	90	90	5h Sd, Prod	M		3867
2,719 2,774 2,831	9.0 10.0 10.0			35.8		1	2	Random	30.0	30	30	Produced	B	* No data prior to 1965	353
2,708	10.0	12.0	16			1	7	Edge	80.0	80	80	Prod	B		2025
1,590	20.0	19.0	75	30.0	15.0@ 100°F	8	8	5 5pot	20.0	180	180	Well and Prod	M		2289
950	40.0	19.0	100	31.0		2	2	5 5pot	5.0	10	180	5h Water 5d	F		2286
1,530	20.0	19.0				1	4	Random	40.0	40	40	Tar 5prings	B		1248
1,534	22.0					2	8	Random	50.0	100	120	Tar 5prgs, Prod	B	* 1965 data only	1247

Project no.	General information							Production and injection statistics							
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T-R	Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls		Av. inj. per day per foot bbls	Maximum well-head pressure psi
								Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65		
4011	McKinley	W. C. Mc8ride	Washington	Freiman-Munleth	4-65	8enoist	29-3S-4W	29	29			29	29		
589	Main C	Marathon Oil Co	Crawford	5parks WF No 1-M	2-64	8ethel	31-6N-12W	36	86	1.0	1			14.1	60
595	Main C	Tidewater Oil Co	Crawford	McCane	3-65	Robinson	28-7N-12W	55	55	.7	1	12	12		
4405	Maunie N C	Henry 8. Walker, Jr.	White	Cray	6-65	8ethel, Aux Vases	25-5S-10E	23	23	.6	1	3	3	15.0	50
4410	Mill Shosls	Coy Oil Co	White	8rowne et al	11-65	Aux Vases	31,32-3S-8E	5	5	1.0	1	1	1	10.5	
4411	Mill Shosls	R. C. Dsvoust Co	White	E Mill Shoals	3-65	Aux Vases	20,29-3S-8E	279	279	2.1	2	14	14	15.8	260
3870	New Hsrmony C	Continentsl Oil	Wabash	Maud N W U	2-65	Waltersburg	27,34-1S-13W	230	230	57.6	58	40	40	9.0	1,250
3866	New Hsrmony C	Texsco, Inc	Wabash	Cowling U	1-65	8iehl, Cypress	19,20,29,30-2S-13W	106 163	106 163	405.2 *	405 *	111 *	111 *	18.8 13.5	1,600 1,600
1434	Omahs	Nstl.Assoc. Pet Co	Callatin	Phillips	5-65	Spar Mtn	32-7S-8E	27	27	2.8*	54†	1	12	5.0	800
1439	Omaha	Skiles Oil Corp	Callatin	Pritchett	11-65	Aux Vases	4-8S-8E	9	9	.5	1	1	1	5.0	
3432	Parkersburg C	Continental Oil Co	Richland	Ridgely	4-65	McClosky	30-2N-14W	39	39	1.8	2	6	6	19.6	
354	Passport	Culf Oil Corp	Clsy	Psssport U	6-65	McClosky	2-4N-8E; 35-5N-8E	156	156	12.4	12	20	20	15.2	300
2627	Patoka	Joe Simpkins	Marion	Patoka S	8-64	Cypress	4,5,8,9-3N-1E	1,500	1,570	197.6	216	292	328	12.3	600
2626	Raccoon Lake	Texaco, Inc	Marion	Raccoon Lake	3-65	Cypress, 8enoist	3-1N-1E	188 126	188 126	7.9*	8*	548*	548*	11.0 9.9	635 400
4407	Roland C	Nstl. Assoc. Pet. Co	White	Hughes	4-65	Cypress	9-6S-9E	24	24	3.9	4	22	22	2.0	1,300
4413	Roland C	Union Oil Calif	White	Crozier 'A' 5illiman	3-63	Hardinsburg	36-5S-8E	222	222*	13.9	14*	222	222*	14.5	
2284	Ruark	Cities 5ervice	Lawrence	W Ruark U	8-65	Bethel	12,13-2N-13W	295	295	9.3	9	8	8	6.3	308
356	5ailor 5prgs C	Culf Oil Corp	Clsy	Bible Crove U	12-65	Cypress	10-5N-7E	1	1	3.8	4	1	1	.2	
352	Sailor 5prgs C	Mac Oil Co	Clsy	8ible W F U	9-63	Cypress	9-4N-7E	193	354	49.5	84	44	120	6.7	775
348	5ailor 5prgs C	W. C. Mc8ride, Inc	Clsy	Staser U	6-65	Cypress	12,13,14-3N-7E	187	187	17.3	17	30	30	5.5	660
355	Sailor 5prgs C	McCollum and Kincaid	Clsy	Bible Crove U	12-65	Cypress	15,22-5N-7E	8	8	.4	1			5.0	
350	5ailor 5prgs C	Shakespeare Oil	Clsy	Stanford	12-65	5par Mtn	22-3N-7E	4	4	.2	1	50	50	20.0	500
1109	5ailor 5prgs C	Sinclair Oil and Css	Effinghsm	8ible Crove U 5d U	1-65	Cypress	27,28,34-6N-7E	820	820	220.1	220	99	99	35.5	
2506	5t. Jacob	5inclair Oil snd Gas	Madison	Ellis U	11-65	Trenton	27,34-3N-6W	24	24			6	6	27.3	650
2505	5t. Jacob	Wsrrior Oil Co	Msdison	St. Jscob U. No. 1	11-65	Trenton	27-3N-6W	40	40	1.3	1	34	34	18.4	1,000
1245	St. Jsmes	W. L. 8elden	Fayette	St. James Waterflood	12-65	Carper	25-6N-2E	1	1			1	1		
1325	Sesaer C	Fsrrar Oil Co	Frsnklin	Sesser U	5-65	Aux Vases	35-5S-1E	163	163	15.3	15	7	89	7.8	800
4408	5umptor E	Natl. Assoc. Pet. Co	White	Carmi	7-65	Aux Vases, 5par Mtn	12-5S-9E	125	125	10.5	171*	9	168	15.0	1,200
4406	Trumbull N	5hulman Brothers	White	5tocke	9-65	Aux Vases, McClosky	24-45 8E	15	15	.2		2	2	7.0	450
1324	Valier	8arron Kidd	Franklin	Rhen-Rea	11-64	Aux Vases	8-6S-2E	8	8	4.8	5	8	8		
418	Wamsc W	Jet Oil Co	Clinton	Jonas	10-65	Cypress	20,21-1N-1W	4	4			4	4	5.6	700
1322	W Frankfort C	Killion and McClement	Franklin	8oner-Merriman U	8-65	Aux Vsses	31-7S-3E	22	22	1.5	2	1	1	25.0	1,500
1323	Whittington	T. L. Clark	Frsnklin	U. 5. 5teel	11-65	Ohara, McClosky	33-5S-3E	2	2					35.0	
1246	Wilberton	W. L. 8eldon	Fayette	Drewes U, 5t. Peter Area	10-65	Carper	11,12-5N-2E; 7,17,18,19-5N-3E	73	73						
2024	Woodlawn	Mobil Oil Co	Jefferson	Kaminski Estate		8enoist	2-3S-1E	16	16						
1320	Zeigler	V. R. Gallagher	Franklin	Zeigler Coal and Coke	2-65	Aux Vases	13,24,25-7S-1E; 18-7S-2E	387	387	230.3	230	8	8	17.7	1,300

Date first inj.	"Formation"	Section, T-R	Production and injection statistics							
			Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls		Av. inj. per day per foot bbls	Maximum well-head pressure psi
			Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65		
4-65	Benoist	29-3S-4W	29	29			29	29		
2-64	Bethel	31-6N-12W	36	86	1.0	1			14.1	60
3-65	Robinson	28-7N-12W	55	55	.7	1	12	12		
6-65	Bethel, Aux Vases	25-5S-10E	23	23	.6	1	3	3	15.0	50
11-65	Aux Vases	31,32-3S-8E	5	5	1.0	1	1	1	10.5	
3-65	Aux Vases	20,29-3S-8E	279	279	2.1	2	14	14	15.8	260
2-65	Waltersburg	27,34-1S-13W	230	230	57.6	58	40	40	9.0	1,250
1-65	Biehl, Cypress	19,20,29,30-2S-13W	106 163	106 163	405.2 *	405 *	111 *	111 *	18.8 13.5	1,600 1,600
5-65	Spar Mtn	32-7S-8E	27	27	2.8*	54†	1	12	5.0	800
11-65	Aux Vases	4-8S-8E	9	9	.5	1	1	1	5.0	
4-65	McClosky	30-2N-14W	39	39	1.8	2	6	6	19.6	
6-65	McClosky	2-4N-8E; 35-5N-8E	156	156	12.4	12	20	20	15.2	300
8-64	Cypress	4,5,8,9-3N-1E	1,500	1,570	197.6	216	292	328	12.3	600
3-65	Cypress, Benoist	3-1N-1E	188 126	188 126	7.9*	8*	548*	548*	11.0 9.9	635 400
4-65	Cypress	9-6S-9E	24	24	3.9	4	22	22	2.0	1,300
3-63	Hardinsburg	36-5S-8E	222	222*	13.9	14*	222	222*	14.5	
8-65	Bethel	12,13-2N-13W	295	295	9.3	9	8	8	6.3	308
12-65	Cypress	10-5N-7E	1	1	3.8	4	1	1	.2	
9-63	Cypress	9-4N-7E	193	354	49.5	84	44	120	6.7	775
6-65	Cypress	12,13,14-3N-7E	187	187	17.3	17	30	30	5.5	660
12-65	Cypress	15,22-5N-7E	8	8	.4	1			5.0	
12-65	Spar Mtn	22-3N-7E	4	4	.2	1	50	50	20.0	500
1-65	Cypress	27,28,34-6N-7E	820	820	220.1	220	99	99	35.5	
11-65	Trenton	27,34-3N-6W	24	24			6	6	27.3	650
11-65	Trenton	27-3N-6W	40	40	1.3	1	34	34	18.4	1,000
12-65	Carper	25-6N-2E	1	1			1	1		
5-65	Aux Vases	35-5S-1E	163	163	15.3	15	7	89	7.8	800
7-65	Aux Vases, Spar Mtn	12-5S-9E	125	125	10.5	171*	9	168	15.0	1,200
9-65	Aux Vases, McClosky	24-4S 8E	15	15	.2		2	2	7.0	450
11-64	Aux Vases	8-6S-2E	8	8	4.8	5	8	8		
10-65	Cypress	20,21-1N-1W	4	4			4	4	5.6	700
8-65	Aux Vases	31-7S-3E	22	22	1.5	2	1	1	25.0	1,500
11-65	Ohara, McClosky	33-5S-3E	2	2					35.0	
10-65	Carper	11,12-5N-2E; 7,17,18,19-5N-3E	73	73						
	Benoist	2-3S-1E	16	16						
2-65	Aux Vases	13,24,25-7S-1E; 18-7S-2E	387	387	230.3	230	8	8	17.7	1,300

Reservior statistics (average value)						Development as of 12-31-65						Injection water			
						No. of wells				Productive acres					
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	Inj.	Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Under inj.	Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
1,050	10.0					1	1		20.0	20		Produced	B		4011
1,310	7.0					1	1	Random	5.0	5	5	Gravel, Prod	M		589
1,128	30.0	19.0	200			1	4	Circle	8.0	8	8	Sh Sd and Prod	M		595
2,830 2,940	10.0 10.0					1	2			30	30	Penn 5d	B		4405
3,225	12.0	18.0	125	37.0		1	5	5 Spot	20.0	60	80	Gravel	F		4410
3,250	12.5	19.6	125	38.3	3.5? 100°F	5	8	M Line	45.0	225	225	Creek, Prod	M		4411
1,937	16.0	16.0	200			5	5	Perim	40.0	200	200	Fresh and Prod	M		3870
1,700 2,460	8.7 11.1	19.6 19.2	126 59	37.0	3.7? 100°F 4.2? 100°F	18 30	23 22	5 Spot	29.2 26.0	526 781	526 781	Sh Sd, Prod	M	* Oil and prod water comingled	3866
2,760	20.0			37.0		1	3	Line	30.0	40	40	Creek and Prod	M	* Incl Clore and Cypress †Incl prim prod	1434
2,678	30.0			38.3		1	3	Line	10.0	10	120		F		1439
3,190	8.0					1	3	Line D	80.0	80	80	Produced	B		3432
3,025	18.0	15.0	35	38.0		3	3	5 Spot	85.0	260	260	Penn 5d, Prod	B		354
1,360	15.1					22	27	5 Spot	21.8	480	480	Tar Springs, Prod	B	* Cyp.and Ben. oil, prod water comingled	2627
1,650 1,730	15.0 15.0			35.0		4 3	8 4	Perim	30.0 40.0	120 120	120	Produced	B		2626
2,740	14.0			37.0		1	1	Line	10.0	10	10	Penn Sd and Prod	B		4407
2,636	14.0	17.0	106	38.0		3	5	Irr	93.3	280	280	Produced	B	* No data prior to 1965	4413
2,250	17.0	16.0	100	38.0		19	18	5 Spot	20.0	256	370	Tar Springs	B		2284
2,485	20.0	16.0	50	38.0		12	13	Irr	21.7	260	400	Penn 5d, Prod	B		356
2,600	20.0	18.0	24	37.0		4	11	Random	40.0	160	160	Penn 5d, Prod	B		352
2,620	20.0	16.0	20			8	6	5 Spot	17.5	140	140	Penn 5d and Prod	B		348
2,500	13.0	18.0	80			7	10	Irr	25.7	180	180	Penn 5d	B		355
2,090	10.0					1	3	Random	40.0	40	40	Fresh and Brine	M		350
2,520	7.0			38.8		9	17	Periph	42.8	385	743	Sh Sd, Prod	M		1109
2,340	20.0	10.0		35.6		1	4	Pilot		230		Sh Sd, Prod	M		2506
2,320	18.0	9.6		36.0	4.8? 86°F	2	6	Random	50.0	100	240	Av and Prod	B		2505
3,130	42.0					1	5	5 Spot	10.0	80	80	Produced	B		1245
2,600	15.0	18.0	10	38.0		6	14	Random	60.0	360	400	Cypress, Prod	B		1325
3,090 3,165	15.0 8.0					2	5	Line	15.0	30	50	City and Prod	M	* Incl prim prod	4408
3,320 3,468	10.0 7.0					1	1	Line	80.0	80	80	Cypress	B		4406
2,670	8.0			39.2	4.4? 77°F	1	4	Random	70.0	70		Produced	B		1324
1,290	8.8					1	8	Perim	10.0	10	80	Produced	B		418
2,750	12.0			38.0		1	3	Irr	70.0	70	100	Penn 5d	B		1322
2,834 2,912	13.0 6.0	11.5	1	39.0		1	2	Irr	80.0	80	80	Produced	B		1323
3,250	25.0					6	43	5 Spot	20.0	1,180	1,180	Prod and Benoist	B		1246
												Prod	B		2024
2,650	15.0	21.5	75	38.9	2.6? 94°F	4	24	Periph	10.0	380	380	Penn	B		1320

TABLE 13 – ILLINOIS WATERFLOOD PROJECTS

Project no.	General information						
	Field C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Section, T–R
1013	Bone Gap C	V. R. Gallagher	Edwards	Bone Gap U	6-52	Waltersburg	18-1S-14W
406	Germantown E	Herman Graham	Clinton	Germantown*	9-56	Devonian	36-2N-4W
1223	Louden	Humble Oil, Ref	Fayette	Louden Devonian	9-43	Devonian	2,10,11,15,20-22,27-29,32,33-8N-3E
1414	Omaha	Humble Oil, Ref	Gallatin	Omaha	10-44	Palestine	33-7S-8E, 4-8S-8E
2006	Salem C	Humble Oil, Ref	Jefferson	Dix (R and PM)	1-48	Benoist	3,4,9,10,15,16-1S-2E

Production and injection statistics						Av. inj. per day per foot bbls	Maximum well-head pressure psi	Depth feet	Acres per input well	Remarks	Project no.
Water inj., M bbls		Oil prod., M bbls		Water prod., M bbls							
Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65	Total 1965	Cumulative 12-31-65						
107	1,299	15.1	458	107	1,299	15.0	500	2,310	40.0		1013
	2,046		484		2,099			2,300	20.0	* No data 1963-1965	406
9,676	200,406	238.9	19,057	6,645	179,810	185.0	200	3,100	40.0		1223
454	4,287	39.9	2,962	305	3,217	73.0		1,700			1414
1,313	14,573	483.4	12,083	1,210	10,377	38.5	410	1,950			2006

Project no.	General information								Production and injection statistics, M bbls		
	C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Date abd.	Section, T-R	Cumulative water injection	Cumulative secondary oil prod.	Cumulative water production
1417	Ab Lake W	Coy Oil Co	Gallatin	Ab Lake W U	7-59	Waltersburg	6-64	30,31-8S-10E	1,091	184	526
1421	Ab Lake W	Coy Oil Co	Gallatin	Ab Lake W U	7-59	Aux Vases	6-64	30,31-8S-10E	219	*	*
1310	Akin	C. E. Brehm	Franklin	Lario Trust. 'A' U	2-60	Aux Vases	12-62	36-6S-4E	109		
4201	Albion C	Concho Pet. Co	White	North Crossville U	10-52	Cypress	12-58	26,27,34,35-3S-10E	3,620	313	1,270
4202	Albion C	Concho Pet. Co	White	North Crossville U	10-52	Tar Springs	12-58	26,27,34,35-3S-10E	868	58	69
1014	Albion C	Continental Oil	Edwards	Stafford	5-43	McClosky	12-57*	13-2S-10E	625	43	637
1015	Albion C	First Nat. Pet.	Edwards	Brown	4-52	Aux Vases	7-55	6-2S-11E		*	
3910	Allendale	Centralia Pet. Co	Wabash	Mattaliano et al	6-52	Biehl	1-63	15-1N-12W	45*	13*	23*
3971	Allendale	T. W. George	Wabash	Young	1-59	Bethel	1-61	1-1N-12W	208	*	*
3944	Allendale	Ind. Farm Bureau	Wabash	Woods 'C'	11-53	Biehl	6-57	20-1N-12W	633	45*	559
3999	Allendale	Jack Kneipp	Wabash	Walser	7-62	Tar Springs	10-64	2-1N-12W	26	5	6
3952	Allendale	L and M Drlg.	Wabash	Stanley Price	11-54	Biehl	1-60	19-1N-12W	887	167	348
3979	Allendale	Tamarack	Wabash	Hershey-Cogan	10-61	Biehl	12-63	35-2N-12N	9	4	17
3904	Allendale	Tamarack	Wabash	Patton	1-54	Cypress	1-60	28-1N-12W	644*	90*	147*
4103	Barnhill	Ashland	Wayne	Barnhill	1-51	McClosky	3-63	26,34,35-2S-8E	9,137	1,235	
4129	Barnhill	Wayne Development	Wayne	Walter	12-50	McClosky	1-55	26-2S-8E	144	21*	119
4105	Barnhill	Willets and Paul	Wayne	Barnhill U	10-56	Ohara	12-59	27-2S-8E	53*	7*	2*
4106	Barnhill	Willets and Paul	Wayne	Barnhill U	9-57	Spar Mtn.	12-59	27-2S-8E	299*		*
400	Bartelso	T. R. Kerwin	Clinton	Belle Oil	4-52	Cypress	1-63	4-1N-3W	978	135	187
401	Bartelso	Robben Oil	Clinton	Robben Oil U	11-53	Cypress	1-63	4-1N-3W	3,101	639*	1,621
001	Beaver Creek	T. M. Conrey, Jr.	Bond	Wrone	7-53	Benoist	12-61	36-4N-3W	106	23	
666	Bellair	Wausau Pet. Co	Crawford	Grant	2-53	Robinson	2-61	13-8N-14W	1,343	163	380
3942	Berryville C	Phillips Pet. Co	Wabash	Tarpley	9-52	McClosky	1-53	2-1N-14W	35		103
3943	Berryville C	Phillips Pet. Co	Wabash	Townsend	2-52	McClosky	6-53	35-2N-14W	50		86
2300	Blackland	Fear and Duncan	Macon	Damery	10-63	Silurian	12-63	5-15N-1E	6		4
411	Boulder	Texaco, Inc	Clinton	Boulder Benoist SD Unit	9-60	Benoist	10-64	2-2N-2W; 35,36-3N-2W	9,234	681	4,368
3912	Browns E	T. W. George	Wabash	Bellmont WF Assoc	1-51	Cypress	1-57	1,2,11,12-2S-14W	3,009	905*	1,122
3913	Browns E	Mobil Oil Co	Wabash	Bellmont	11-47	Cypress	7-63	2,11-2S-14W	822*	582	268
1500	Bungay C	Texaco, Inc	Hamilton	Blairsville U	6-48	Aux Vases	7-64	16,17,20,21-4S-7E	7,962	699	2,457
3400	Calhoun C	Ashland Oil	Richland	Calhoun	9-51	McClosky	8-64	7,18-2N-10E; 13-2N-9E	3,032	157	
200	Casey	F. A. Bridge	Clark	States Oil	1-54	Casey	1-63	26-10N-14W	208	*	*
217	Casey	Calvan American	Clark	Shawver	8-53	Casey	8-54	23,24-10N-14N	49		
201	Casey	Forest Oil Corp	Clark	Casey	3-50	Casey	3-61	14,15,23-10N-14W	8,030	462	
4267	Centerville E	D. B. Lesh	White	Centerville E	6-54	Spar Mtn.	12-55	12-4S-9E	*	4†	4†
4246	Centerville E	Sun Oil Co	White	East Centerville	10-50	Tar Springs	9-57	7-4S-10E	269	39	132
408	Centralia	Sohio Pet. Co	Clinton	Copple Trenton	11-51	Trenton	3-53	35-2N-1W	236	34	21
1900	Clay City C	Ashland Oil	Jasper	Boos East	9-53	McClosky	4-60	2,3,10-6N-10E	333	16	
3402	Clay City C	Ashland Oil	Richland	Noble North	7-54	McClosky	4-61	35-4N-9E	318	8	
4107	Clay City C	Continental Oil	Wayne	Wilson 'B'	4-55	Spar Mtn.	4-63	15-1S-8E	212	13	53

Reservoir statistics (average values)						Development as of 12-31-65						Injection water			
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	No. of wells Inj.	No. of wells Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Productive acres Under inj.	Productive acres Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
2,025	17.0	16.3	20	36.9	4.3@ 87° F	6	9	5 Spot	30.0	180	180	Sh Grav, Penn Sd	F		1417
2,750	10.0	16.3				1	2	5 Spot	30.0	30	30	Sh Grav, Penn Sd	F	* Incl with 1417	1421
3,100	20.0					2	4		60.0	120	120	Cypress	B		1310
2,850	12.0	18.0		37.0		8	21	Perim	31.3	250	300	River and Prod	M		4201
2,460	6.0	18.0		37.0		4	5	5 Spot	25.0	100	100	River and Prod	M		4202
3,222	4.0	16.3	898	39.0		1	1	Random	40.0	40	80	Produced	B	* Inj. discontinued 12-56	1014
3,005	21.0					1	1	Random	30.0	30	20	Hardinsburg	B	* Op said that inj. merely arrested decline	1015
														No data since 1957 *As of 1-54	3910
2,020	15.0					2	2					Gravel	F	* As of 12-60, incl. with 3906	3971
1,520	15.0			28.4	8.9@ 82° F	5	7		29.4	147	147	Produced	B	* Incl. prim prod	3944
1,553	11.0					1	1	Random	20.0	20	40	Shallow Sd, Prod	M		3999
1,520	20.0	18.0	450	33.0		1	3		40.0	40	40	Shallow well	F		3952
1,388			12			1	1		10.0	10	55	Shallow Sd, Prod	M		3979
1,800	16.0			34.8		2	2	5 Spot	20.0	40	200	River Grav, Prod	M	* Estimated	3904
3,350	9.0			39.0		10	10	Irr	26.0	260	320	Cypress	B		4103
3,450	18.0					1	2		40.0	40	40	Cypress	B	* Incl. prim prod	4129
3,323	8.0	20.1	108	39.0		2	6		20.0	40	70	Penn Sd and Prod	B	* 1/58-1/59 inj w/4106 oil, prod water w/ 4104	4105
3,365	5.0				6.0@ 78° F	3	4	Random	13.3	40		Penn Sd and Prod	B	* 1/58-1/59 inj incl 4105 oil,prod water incl 4104	4106
970	15.0	22.2	165	37.0	6.3@ 71° F	5	5	5 Spot	8.0	40	40	Tar Springs	B	* Estimated	400
980	12.0	20.0	110	36.9	6.3@ 71° F	12	19	5 Spot	16.7	200	200	Bethel and Prod	B	* Estimated	401
1,140	8.0	20.7	208	37.4		1	3		40.0	40	50	Produced	B		001
950	16.0	17.2	125	39.0	8.0@ 70° F	15	11	5 Spot	4.7	70	100	Penn Sd and Prod	B		666
2,890	10.0					1	2		14.0	14	30	Tar Spgs and Prod	B		3942
2,890	10.0					1	2		27.0	27	30	Tar Spgs and Prod	B		3943
1,920	10.0			37.0		1	2		80.0	80	80	Aux Vases	B		2300
1,200	25.0	17.9	104	34.6		20	14		23.5	470	536	Produced	B		411
2,570	13.0					15	18	5 Spot	20.0	290	330	Shallow Sd, Prod	M	* Incl. prim prod	3912
2,570	11.0			35.0	3.2@ 92° F	6	8	Line D	26.5	169	190	Tar Spgs and Prod	B	* No inj since 12-58	3913
3,330	15.5	19.6	92	37.0		10	12	Random	64.0	640	710	Prod, Basal Penn	B		1500
3,150	6.0			37.0		3	8	Irreg	46.7	140	195	Cypress	B		3400
														* No data during life of flood	200
450	21.5	22.4	108	31.8	3.6@ 65° F	9	4	5 Spot	4.4	40	215	Shallow Sd	F		217
450	10.0	17.4	173	31.9	16.6@ 70° F	76	66	5 Spot	4.4	280		Grav Bed, Prod	M		
3,366	7.0			43.0		1	1		20.0	20	20	Tar Springs	B	* Unknown, dump flood, incl prim 6-54. †Since 1-55	4267
2,530	6.0			36.6		1	5	Flank	80.0	80		Produced	B		4246
3,950	22.0	10.0		39.8		2	12	Pilot	80.0	160	200	Devonian	B		408
2,645	8.0			40.0	3.2@ 75° F	3	3	Flank	13.3	40	80	Gravel and Prod	M		1900
3,000	5.0			38.0		1	1		20.0	20	40	Cypress	B		3402
3,160	10.0					1	1	Line D	40.0	40	40	Cypress and Prod	B		4107

Project no.	General information								Production and injection statistics, M bbls		
	C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Date abd.	Section, T-R	Cumulative water injection	Cumulative secondary oil prod.	Cumulative water production
1913	Clay City C	Doran Oil Prop	Jasper	Bergbower	10-60	McClosky	12-64	4-6N-10E	141	17	
4109	Clay City C	F and W Oil Co	Wayne	Miller-Lambrich U	8-50	Ohara	1-63	29-1N-8E	*	144	
						Spar Mtn			*	*	*
						McClosky					
4130	Clay City C	Gulf Oil Co	Wayne	Winona	8-55	McClosky	8-56	12-1S-8E	25	0	300
4119	Clay City C	Kirby Pet. Co	Clay	Kirby	1-55	Aux Vases	5-62	16,17-1N-7E	2,464	360	391
3416	Clay City C	Marathon	Richland	Noble Coop. U	8-54	McClosky	1-60	8-3N-9E	2,776	307	3,018
301	Clay City C	Phillips Pet. Co	Clay	Minnie	7-53	Spar Mtn	5-58	24-3N-7E	181	79	460
4115	Clay City C	Robinson, Puckett	Wayne	North Puckett U	1-56	Aux Vases	5-63	9-2S-8E	966	122	
4116	Clay City C	Robinson, Puckett	Wayne	So. Puckett U No. 1	8-54	Aux Vases	5-63	16-2S-8E	4,337	458	1,798
4108	Clay City C	Tamarack Pet. Co	Wayne	Pierce	2-54	Spar Mtn	12-61	22-2N-8E	1,013*	86	922
4132	Clay City C	Texaco	Wayne	E. Galligher	1-58	McClosky	7-59	2-2S-7E	32		
2011	Coil W	Gulf Oil Corp	Jefferson	Coil W U	1-61	Aux Vases	12-63	14,15,22, 23-1S-4E	1,319	82*	749*
2012	Coil W	Gulf Oil Corp	Jefferson	Coil W U	1-61	McClosky	2-63	22-1S-4E	81	*	*
4208	Concord C	C. E. Brehm	White	Concord N U	10-52	Aux Vases	10-62	10-6S-10E	637	66	
4228	Concord C	Great Lakes Carb	White	McClosky	6-53	Spar Mtn	1-56	28-6S-10E	233	5	44
						McClosky			*	*	*
4205	Concord C	Barron Kidd	White	Kerwin-Concord	1-55	McClosky	1-59	21-6S-10E	342	12	77
4229	Concord C	Phillips Pet. Co	White	Dallas	8-53	Spar Mtn	1-57	28-6S-10E	247	3	42
						McClosky			*	*	*
4120	Covington S	General Amer.	Wayne	Heidinger-Vogel	11-57	McClosky	10-59	13-2S-6E	51	1	
1310	Dale C	C. E. Brehm	Franklin	Lario Trustee 'A' Unit	2-60	Aux Vases	1-62	36-6S-4E	109	16*	
1525	Dale C	Farrar Oil Co	Hamilton	Tedford	7-61	Bethel	7-64	26-5S-6E	62	*	*
1510	Dale C	Gulf Oil Corp	Hamilton	W Rural Hill U	6-59	Aux Vases	5-64	11,14,15,22,23-6S-5E	10,312	1,405*	5,499*
1511	Dale C	Gulf Oil Corp	Hamilton	W Rural Hill U	6-59	Lower Ohara	5-64	11-6S-5E	695	*	*
1529	Dale C	Humble Oil	Hamilton	Dale	7-61	Bethel	7-64	27-5S-6E	319	*	*
1501	Dale C	C. Pearson	Hamilton	N Rural Hill U	2-52	Aux Vases	1-58	5,6,7,8-6S-6E	3,372	293	1,536
1502	Dale C	Phillips Pet.	Hamilton	Cantrell U	8-55	Aux Vases	10-62	5,6,7-7S-5E	1,814	161	1,116
1507	Dale C	Stewart Oil	Hamilton	Bill Jones	8-58	Aux Vases	7-61	8-6S-6E	171	9*	1,360*
4003	Dubois C	Harry Mabry	Washington	Peek	12-59	Cypress	8-64	20-3S-1W	68	16	5
3603	Eldorado C	Frank W. King	Saline	Endicott U	4-59	Waltersburg	10-63	2-8S-7E	221	21	42
331	Flora S	General Amer.	Clay	Given-McGrew U	10-59	McClosky	5-61	4-2N-6	70	4*	7
3945	Friendsville N	Mobile Oil Corp	Wabash	Litherland	7-47	Biehl	9-57	1,12-1N-13W	623	142*	282
3953	Friendsville N	J. W. Sanders	Wabash	Friendsville N U	8-57	Biehl	12-61	1-1N-13W	*	7	
4124	Goldengate C	Cities Service	Wayne	Kletzker U	8-56	Aux Vases	10-58	4-3S-9E	102	1	10
4128	Goldengate C	Cities Service	Wayne	Goldengate U	10-53	McClosky	7-57	28,32,33-2S-9E	926	7	281
4145	Goldengate C	N.V. Duncan	Wayne	Scottsville	1-59	Bethel	1-64	23,26-2S-9E	751	254	
4133	Goldengate C	Ill.-Midcont.	Wayne	A. E. Seiffert		Spar Mtn	1-61	25-2S-9E	*	*	*
						McClosky					
4138	Goldengate C	Skiles Oil Corp.	Wayne	O. Daniel U	1-59	Benoist	6-63	26-2S-9E	215	26	24
3601	Harco E	Sun Oil Co	Saline	Harco WF U	7-59	Cypress	8-61	24,25,26-8S-5E	84	3	37
3602	Harco E	Sun Oil Co	Saline	Harco WFP U	7-59	Aux Vases	9-62	24,25,26-8S-5E	334	30	112
4359	Herald C	Livingston Oil Co	White	Calvert 'A'	5-62	Aux Vases	7-64	4-7S-10E	31		

Reservoir statistics (average values)						Development as of 12-31-65						Injection water			
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	No. of wells Inj.	No. of wells Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Productive acres Under inj.	Productive acres Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
2,850	16.0														1913
3,060	15.0					4	4		37.5	150	180	Cypress	B	* Dump no record	4109
3,080	15.0														
3,100	15.0														
3,115	8.0	12.0		40.1	3.7@ 100°F	1	1		13.0	13	5	Tar Springs	B		4130
2,900	5.0	19.0		38.0		4	15	Random		400	440	Penn Sd and Prod	B		4119
2,500						4	7	Irreg	37.5	150		Cypress, Prod	B		3416
2,990	30.0	14.0	2,000	38.5		1	1		20.0	20	20	Produced	B		
3,150	8.0	19.0	115	39.0		6	4		28.4	172	172	Sewage and Prod	M		4115
3,200	14.8	20.0	80	39.0	3.7@ 100°F	7	11		34.8	243	243	Sewage and Prod	M		4116
3,016	10.0					2	2		40.0	80	160	Produced	B	* Estimated	4108
3,255	6.0			38.0		1	1		40.0	40	40	Cypress and Prod	B		4132
2,700	10.0	19.0	160			5	4	Periph	19.0	95	120	Penn Sd and Prod	B	* Incl 2012	2011
2,880						1	2		30.0	30		Penn Sd and Prod	B	* Incl with 2011	2012
2,950	12.0	21.1	218	35.1	5.0@ 103°F	2	2		20.0	40	40	Grav and Penn Sd	M		4208
2,980 3,020	17.0 5.0			37.5		3	8	Periph	46.7	140	150	Grav Bed	F	* Incl with 4228	4228
3,003	16.0					1	3		30.0	30	40	Sh Sd	F		4205
2,960 3,020	15.0 15.0	15.0	50	36.0		1	3		40.0	40	60	Sh Sd and Prod	M	* Incl with 4229	4229
3,316	4.0					1	1		80.0	80	80	Cypress	B		4120
3,100	20.0					2	5	Random	60.0	120	120	Cypress	B	* Incl Prim. Prod since 2-60	1310
2,957	15.0					1	2		30.0	30		Purchased	B	* Incl with 1520	1525
3,100	21.0	19.1	96	37.0		24	21	5 Spot	10.0	140	140	Cypress, Prod	B	* Incl 1511	1510
3,173	19.0			40.4		2	1	5 Spot	10.0	20	140	Produced	B	* Incl with 1510	1511
2,950	11.0	14.8	117	37.0	5.5@ 60° F	4	2	5 Spot	15.0	60	332	Penn Sd and Prod	B	* Incl with 1528	1529
3,125	14.7	23.9		39.0		11	16	5 Spot	28.2	310	325	Cypress	B	* Since 1-53	1501
3,200	15.0	18.0	75	38.0		3	5	Irreg	16.7	50	110	Penn and Prod	B		1502
3,088	22.0					1	2	Random	40.0	40	40	Cypress	B	* No data for 1960	1507
1,232	12.0			37.0		1	2	Random	40.0	40	40	Tar Sprgs, Prod	B		4003
2,090	7.0	13.0	100			1	3	Line D	40.0	40	140	Penn Sd	B	* Estimated	3603
2,992	12.0					1	1	Random	60.0	60	60	Sh Sd and Prod	M	* Estimated	331
1,620	12.5			35.6	7.5@ 86° F	2	3	5 Spot	6.5	13	40	Sh Sd	F	* Incl Prim.	3945
1,631	10.0			36.6	34.2@ 63° F	1	2		40.0	40	110	Water Sd	F	* Dump flood unknown	3953
3,242	10.0	15.0	10			1	2	Random	10.0	10	30	Cypress and Prod	B		4124
3,308	8.0			34.0		2	8	Irreg	80.0	159	210	Grav Bed	F		4128
3,100	9.0			39.8		8	7	5 Spot	16.3	130	130	Sh Sd and Prod	M		4145
3,225 3,241	4.0 6.0					1	3	Irreg				Cypress	B	* Dump flood; did not respond	4133
2,550	9.0					1	2		30.0	30	30	Penn Sd and Prod	B		4138
2,920	12.0			36.8		1	1		20.0	20	20	Sh Well	F		3601
2,715	15.0	14.9	58	39.0		2	2	Offset	40.0	80	40	Palestine	B		3602
1,550	8.0	15.1	15			3	3	Perim	40.0	120	200	Penn Sd and Prod	B		4359

Project no.	General information								Production and injection statistics, M bbls		
	C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Date abd.	Section, T-R	Cumulative water injection	Cumulative secondary oil prod.	Cumulative water production
4212	Herald C	Q. B. Mitchell	White	Bayley U	9-57	Cypress	8-62	2-7S-9E	491	21	35
4364	Herald C	Tamarack	White	Herald U	1-62	Penn	12-64	34-6S-9E; 2-7S-9E	343	17	17
320	Ingraham	Humble Oil	Clay	Ingraham U	12-56	Spar Mtn	12-60	4,9-4N-8E	2,568	810	1,543
1409	Inman EC	Farrar Oil	Gallatin	E Inman	3-54	Tar Springs Cypress	12-64	33,34-7S-10E; 2,3,10-8S-10E	24,228*	3,550*	
1402	Inman WC	Gulf Oil Corp	Gallatin	Inman W U	5-55	Cypress	3-63	15,16-8S-9E	2,007*	425*	499*
1403	Inman WC	Gulf Oil Corp	Gallatin	Inman W U	3-57	Tar Springs	3-63	15,16-8S-9E	*	*	*
1404	Inman WC	Phillips Pet Co	Gallatin	Levert	5-57	Cypress	6-59	3-8S-9E	8		
1420	Inman EC	Joe Simpkins	Gallatin	Haven	11-60	Aux Vases	7-62	28,32,33-7S-10E	182	2	
1411	Inman EC	Sun Oil Co	Gallatin	Inman E WFP	3-54	Tar Springs	9-63	3-8S-10E	2,251	198	1,028
204	Johnson N	F. Bridge Oil Co	Clark	Block 'A'	4-49	Casey	1-63	2-9N-14W	5,731*	247*	2,713*
205	Johnson N	F. Bridge Oil Co	Clark	Block 'B'	5-51	Casey	12-63	35,36-10N-14W	1,118*	59*	338*
208	Johnson N	Tidewater Oil Co	Clark	Clark County No.1	2-50	Casey	12-59	2-9N-14W	2,418	160	1,572
3915	Keensburg S	Vickery Drilling	Wabash	A. P. Garst	11-54	Cypress	12-59	27-2S-13W	297	27	
4126	Keenville	Walter Duncan	Wayne	Keenville U	4-54	Aux Vases	11-61	28,29-1S-5E	1,971	343	660
324	Kenner N	Ind. Farm Bureau	Clay	Theobald	10-58	Benoist	12-63	17-3N-6E	21	53	47*
2200	Lawrence	Galvan American	Lawrence	Piper	12-53	Cypress	6-56	2,11-4N-13W	146*	6*	
2229	Lawrence	Galvan American	Lawrence	Waller	3-53	Cypress	11-55	5,6-2N-11W	828	12	144*
2205	Lawrence	Walter Duncan	Lawrence	L. C. David	8-56	Sample (PC)	9-58	8-3N-11W	56		8
2206	Lawrence	T. W. George	Lawrence	Klondike Wtr flood	6-52	Benoist	12-60	25,26,35,36-5N-13W	9,990	1,098	
2230	Lawrence	Ree, Inc	Lawrence	Snyder	10-52	Cypress	1-55	30-33-11W	16	1	69
2500	Livingston	W. H. Krohn	Madison	Kroger	7-54	Penn	12-57	17-6N-6W	67	3	
1201	Louden	W. L. Beldon	Fayette	Hinton U	9-56	Cypress	1-63	32-7N-3E	100	11	
667	Main C	H. J. Adams	Crawford	H. J. Adams Wtr fld	1-58	Robinson	12-58	28-8N-12W	1,058		
602	Main C	Ashland	Crawford	Birds 1	5-54	Robinson	1-64	9,10,15,16-5N-11W	19,507	536	
614	Main C	Gen Operations	Crawford	Littlejohn	10-52	Robinson	1 -58	20-6N-12W	699	34	179
618	Main C	G. Jackson	Crawford	Stanfield	6-52	Robinson	8-61	17-8N-12W	47*		5*
624	Main C	Partlow-Cochonour	Crawford	Rich	10-54	Robinson	12-61	35,36-6N-12W	2,716	67	1,134
662	Main C	Petroleum Prod	Crawford	Rhoads	9-51	Robinson	12-56	29,32-8N-12W	445		
663	Main C	Ree, Inc	Crawford	Meserve	11-53	Robinson	5-55	11-6N-13W	251	1	39
626	Main C	E. C. Reeves	Crawford	Billingsley	12-53	Robinson	7-64	34,35-7N-13W	2,736*	89*	92*
605	Main C	M. F. Roberts	Crawford	Bishop	11-53	Robinson	1-60	19,20-8N-12W	2,208*	35*	
659	Main C	Schoonmaker	Crawford	Sanders	8-52	Robinson		26,34,35,36-6N-13W	6,387*	110*	1,661*
628	Main C	Shakespeare	Crawford	Montgomery	5-54	Robinson	5-58	32,33-6N-12W, 4-5N-12W	516	18	177
627	Main C	Shakespeare	Crawford	McIntosh	7-54	Robinson	1-59	17,18,19,20-6N-12W	396	18	241
661	Main C	C. E. Skiles	Crawford	Correll-Gurley	7-51	Robinson	9-55	10-7N-12W	1,214	30	227
664	Main C	C. E. Skiles	Crawford	Walter Comm	12-51	Robinson	1-53	1-6N-13W, 36-7N-13W	26		29
665	Main C	C. E. Skiles	Crawford	Weger	11-52	Robinson	7-56	18,19-5N-11W, 13, 24-5N-12W	770	8	109
638	Main C	Tidewater	Crawford	Henry-Ikemire	7-48	Robinson	12-63	10,15-7N-13W	4,187	470	2,401
679	Main C	Wausau Petroleum	Crawford	Highsmith	9-51	Robinson	1-57	31-6N-12W	153*		37*
1008	Maple Grove C	Ashland	Edwards	Bennington	9-52	McClosky	6-61	7-1N-10E	572	166*	
4127	Maple Grove C	Winmar	Wayne	W. Bennington	1-57	Aux Vases	1-62	13-1N-9E	171*	32*	

Reservoir statistics (average values)						Development as of 12-31-65						Injection water			
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	No. of wells Inj.	No. of wells Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Productive acres Under inj.	Productive acres Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
2,715	15.0	14.9	58	39.0		2	2	Offset	40.0	80	40	Palestine	B		4212
1,550	8.0	15.1	15			3	3	Perim	40.0	120	200	Penn Sd and Prod	B		
3,000	5.1	14.2	2,450	38.0		8	18	5 Spot	37.0	297	552	Penn Sd and Prod	B		
2,100	15.0	17.5	137	37.7	3.6@ 63°F	57	61	5 Spot	10.0	570	610	Grav Bed	F	* Incl 1410, 1411, 1423, 1424, 1425	1409
2,400	9.6	16.8	50	38.0	3.6@ 63°F									* Incl with 1409A	
2,500	16.5	13.5	40	38.6	3.9@ 100°F	10	7	5 Spot	11.0	110	170	Penn Sd and Prod	B	* Incl data from proj. 1403	1402
2,180	11.0	13.0		36.1		3	7	5 Spot	30.0	90	100	Penn Sd and Prod	B	* Data incl in proj. 1402	1403
2,560	6.0	18.0	100	35.0		1	1		20.0	20	20	Produced	B		
2,770	9.0	12.4	8	39.0	3.7@ 97°F	4	4	5 Spot	20.0	80	230	Sh Gr Beds	F		1420
2,100	29.0	17.9	133	35.5		2	2	5 Spot	20.0	40	40	Sh Gr Beds	F		1411
450	20.0	20.8	399	33.9		27	13	5 Spot	4.4	125		Sh Sd and Prod	M	* No data for 1958-1963	204
480	22.0	18.0	66	33.0	10.0@ 70°F	18	12		4.4	80		Sh Sd and Prod	M	* No data water inj. or oil for 5-57	205
425	26.1	20.6	415	33.9	10.7@ 70°F	19	20	5 Spot	4.4	81	252	Purchased	M		208
2,403	15.0	20.6	134	37.5	4.6@ 91 F	1	1		60.0	60	60	Surface Gr	F		3915
2,950	13.0	20.0	155	39.0	3.5@ 97°F	3	9	Periph	40.0	120	120	Sh Sd	F		4126
2,750	10.0	17.0	40	36.0	9.0@ 60°F	1	3	Random	20.0	20	80	Produced	B	* Est 12-62	324
1,520	25.0	20.8	33	38.6	3.5@ 86°F	4	2	5 Spot	10.0	10	38	Sh Sd	F	* Water inj. cum as of 5-18 56,waterfl. oil cum as of 8-15-56	2200
1,535	50.0	18.5	70	39.5	5.0@ 85°F	8	8	5 Spot	4.4	35	625	Sh Gr	F	* Estimated	2229
1,600	6.0					1	1		20.0	20	10	River Gr	F		2205
1,625	18.0	17.2	80	37.8	5.2@ 80°F	44	36	5 Spot	13.5	750	900	Sh Sd and Prod	M		2206
1,580	25.0	21.2	125	38.6	4.1@ 85°F	1	2		10.0	110	230	Tar Sprgs & Prod	B		2230
520	15.0			33.5		2	5		80.0	160	80	Ben and A.V. Sds	B		2500
1,584	20.0	17.4	126	34.0		1	1	5 Spot	20.0	20	10	Produced	B		1201
1,000	22.0	18.5	98			5	4		32.0	160		Lake and Prod	M		667
950	30.0	21.0	136	31.0	15.0@ 75°F	67	53	5 Spot	7.9	530	580	Penn Sd	B		602
850	24.0	20.0	50	37.5	10.0@ 78°F	4	9	Irreg	8.8	35	120	Penn Sd and Prod	B		614
977	30.0	23.0	57	36.0		3	3	5 Spot	6.7	20	140	Sh Sd and Prod	M	* As of 12-31-53	618
1,006	22.0	24.3	240	26.0		5	9	Line	12.0	60	120	Lake and Prod	M		624
1,000	15.0	20.0	75	35.7	7.3@ 76°F	4	2	5 Spot	10.0	40	700	Sh Sd and Pond	M		662
950	22.7	21.9	89		10.0@ 79°F	4	4	5 Spot	2.5	10	525	Penn Sd	B		663
925	20.0	30.0	45			6	8	5 Spot	19.0	115	350	Penn Sd	B	* No data for 1961-1964	626
1,000	22.4	22.1	156	35.7	10.0@ 78°F	26	7	5 Spot	2.7	70	474	Sh Fresh and Prod	M	* Est as of 1-60	605
880	20.0	21.0	205	32.0		72	101	5 Spot	9.0	650	1,640	Penn Sd	B	* Est as of 12-31-58	659
975	25.8	22.6	150	28.3	23.0@ 71°F	6	6	5 Spot	8.7	52	85	Penn Sd	B		628
925	12.0			32.6	11.0@ 75°F	4	8	Periph	9.7	39	88	Penn Sd	B		627
1,035	20.0	22.2	100	33.0		18	17	5 Spot	10.0	180		Penn Sd and Prod	B		661
985	12.5	20.1	93	36.0		5	6	5 Spot	8.0	40	50	Penn Sd and Prod	B		664
900	20.0	17.0	37			9	11	5 Spot	10.0	90	110	Creek and Prod	M		665
935	14.6	21.0	175	35.0	7.0@ 60°F	24	44	5 Spot	4.4	104	210	Penn Sd and Prod	B		638
890	20.0	21.5	50	32.0		13	23	5 Spot	10.0	130	70	Penn Sd	B	* Last data as of 12-31-52	679
3,100	5.0			38.0		2	7	Flank	55.0	110	110	Produced	B	* Incl prim prod	1008
3,125	18.0	24.0	50	37.0		1	4	Random	90.0	90	120	Cypress	B	* Dump flood; inj est; oil incl prim prod	4127

Project no.	General information								Production and injection statistics, M bbls		
	C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Date abd.	Section, T-R	Cumulative water injection	Cumulative secondary oil prod.	Cumulative water production
2004	Markham City W	Gulf Oil Corp	Jefferson	W Markham City U	4-54	Aux Vases McClosky	12-63	3,4,9,10-3S-4E	6,404	429	4,477
2003	Markham City	Tidewater	Jefferson	Newton	8-55	McClosky	12-56	1-3S-4E		1	7
218	Martinsville	Buchman	Clark	W. Morgan	10-52	Carper	12-53	31-10N-13W	283		5
219	Martinsville	Mobil Oil Corp	Clark	Carper	1-51	Carper	2-55	30-10N-13W	1,111	10*	10
220	Martinsville	Mobil Oil Corp	Clark	Casey	8-50	Casey	12-54	19-10N-13W	872	2*	34
4213	Maunie S C	Rhea Fletcher	White	Palestine	2-53	Palestine	1-62	13,24-6S-10E; 18-6S-11E	13,215	1,693*	10,448
4239	Maunie S C	Mobil Oil Corp	White	Maunie Coop	11-55	Tar Springs	1-58	24-6S-10E	180	11*	102
4268	Maunie S C	Mobil Oil Corp	White	Tar Spgs U II	11-49	Tar Springs	12-54	24-6S-10E; 19-6S-11E	639	60	209
4230	Maunie S C	Mobil Oil Corp	White	Tar Springs U	8-47	Tar Springs	12-57	19-6S-11E; 24,25-6S-10E	4,748	792*	2,049
227	Melrose	Shakespeare	Clark	Melrose U	12-60	Penn	8-62	13,24-9N-13W	192	4*	2
3941	Mt. Carmel	1st Nat Pet Trust	Wabash	Shaw-Courter	4-53	Cypress	12-57	7-1S-12W	259	28	9*
3946	Mt. Carmel	1st Nat Pet Trust	Wabash	Shaw-Courter	2-50	Biehl	12-57	7-1S-12W	364	69	148
3958	Mt. Carmel	T. W. George	Wabash	Dunkel-Johnson	10-57	Cypress	1-62	32-1N-12W		22	
3919	Mt. Carmel	T. W. George	Wabash	N. Mt. Carmel	8-55	Cypress	1-59	4,5-1S-12W	350*	2*	3*
3917	Mt. Carmel	E. M. Novak	Wabash	G. Dunkel	6-52	Biehl	1-59	5-1S-12W	198*	28*	32*
4219	New Harmony C	Calstar	White	Ford 'B'	3-53	Bethel	4-60	21-4S-14W	1,113	104	
3989	New Harmony C	Coy Oil Co	Wabash	Kerwin U	10-59	Aux Vases	12-64	14,15,22-3S-14W	90	*	*
4338	New Harmony C	Coy Oil Co	White	Cray	3-60	Aux Vases	12-63	20-4S-14W	814	105*	454*
4330	New Harmony C	V. R. Gallagher	White	Creathouse-Waltersburg	1-55	Waltersburg	9-63	32-4S-14W	102	122*	40
3907	New Harmony C	T. W. George	Wabash	East Maud	7-52	Bethel	1-57	32,33-1S-13W	98	55*	
3947	New Harmony C	T. W. George	Wabash	East Maud	1-55	Cypress	1-57	32,33-1S-13W	31	55*	
3929	New Harmony C	G. R. Company	Wabash	Shultz	7-51	L. Cypress	1-63	7-3S-13W	2,693	175*	1,982
3930	New Harmony C	C. R. Company	Wabash	Shultz	5-52	U. Cypress	1-63	7-3S-13W	816	*	356
3955	New Harmony C	Ind. Farm Bureau	Wabash	Landis-Coins	3-57	Cypress	1-60	3-2S-13W	62	11*	108*
4339	New Harmony C	C. F. Rebstock	White	Gray	3-60	Bethel	12-63	20-4S-14W	150	*	*
4217	New Harmony C	Joe Simpkins	White	Arrow-McBride-Crawford	9-53	McClosky	12-59	5-3S-14W; 32,33-4S-14W	762		
1016	New Harmony C	Skiles Oil Corp	Edwards	Siegert Bottoms	8-58	Cypress	2-62	34-2S-14W	62		
4222	New Harmony C	Skiles Oil Corp	White	Smith-Davenport	5-55	Cypress	1-58	15-4S-14W	147	4	2
4287	New Harmony C	Skiles Oil Corp	White	Calvin-Griffin C	9-59	Cypress	12-62	8-4S-14W	1		27
4288	New Harmony C	Skiles Oil Corp	White	Calvin-Griffin C	9-59	Aux Vases	1-64	8-4S-14W	109	4	23
4223	New Harmony C	Sun Oil	White	Greathouse	8-47	McClosky	2-57	33-4S-14W; 4-5S-14W	1,088	129	227
2014	Oakdale	Texaco, Inc	Jefferson	Green-Vanderheid	8-61	Aux Vases	12-64	12-2S-4E	554	17	247
223	Oak Point	D. B. Lesh	Clark	B. Finney	10-58	Aux Vases	12-60	31-9N-14W	73	7	81
2600	Odin	Ashland	Marion	Odin	10-49	Cypress	1-63	1,12,13-2N-1E; 6,7,18-2N-2E	8,034	1,321	
3407	Olney C	Gulf Oil Corp	Richland	E. Dundas U	10-56	McClosky	9-62	25,26,35,36-5N-10E	953	152	207
3422	Olney S	Ring and Kinsell	Richland	Kurtz-Martz	6-61	McClosky	1-62	28-3N-10E	32		
1904	Olney C	Sohio Petroleum	Jasper	Dundas E U	4-55	Ohara	1-62	14-5N-10E	2,003	142	1,378
1432	Omaha S	David Rotstein	Gallatin	Woolard	10-60	Cypress	2-64	7-8S-8E	164	0	5
3415	Parkersburg C	Calvert Drilling	Richland	Parkersburg	1-55	McClosky	1-56	16,21-2N-14W	107	26*	43
3424	Parkersburg C	Continental Oil	Richland	Koertge 'B'	9-59	Benoist	7-64	30-2N-14W	179	6	25
3409	Parkersburg C	Marathon Oil Co	Richland	Parkersburg U	3-65	McClosky	12-64	8-3N-9E	5,134	159	1,859
3417	Passport S	Continental Oil	Richland	Passport S U	7-59	Cypress	6-64	18-4N-9E	406	43	76

Reservoir statistics (average values)						Development as of 12-31-65						Injection water			
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	No. of wells Inj.	No. of wells Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Productive acres Under inj.	Productive acres Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
2,900	22.0		269	38.0	3.2@ 99°F	13	21	5 Spot	17.7	230	210	Cypress Sd, Prod	B		2004
3,000	15.4		230		2.8@ 104°F	13			11.5	150	150				
3,080	6.0					1	1		40.0	40	40	Cypress	B		2003
1,346	40.0	16.0	11	30.0		2	6	5 Spot	20.0	40	40	Sh Sd	F		218
1,334						4	1	5 Spot	2.5	10	50	Gr	F	* Incl prim prod	219
464						8	3	5 Spot	2.9	23	110	Gr	F	* Incl prim prod	220
2,010	18.0			36.6		34	26	5 Spot	13.2	448	616	Gr and Prod	M	* Incl prim prod	4213
2,275				38.0		2	5	Irreg	9.0	18	80	Gravel and Prod	M	* Incl prim prod	4239
2,275	12.0	18.3	500		7.0@ 60°F	3	2	5 Spot	16.7	50	50	Gr	M		4268
2,270	12.0	18.0	500	37.3	4.6@ 89°F	12	13	5 Spot	19.2	230	240	Gr and Prod	M	* Incl prim prod	4230
845	9.0	17.0	20	34.8		5	6	Periph	21.0	105	105	Sh Sd	F	* Incl prim prod	227
2,050	12.0					1	4	5 Spot	50.0	50	50	Sh Well	F	* As of 1-1-56	3941
1,375	16.0			40.2	4.7@ 70°F	1	2	Spot	30.0	30	30	Prod and Fresh	M		3946
						4	5		40.0	160		Shallow Well	F		3958
2,000	12.0					3	4	Line	23.3	70	70	Sh Sd	F	* As of 1-59	3919
1,500	6.7	15.3	310	36.6	3.9@ 104°F	2	3	Mod	43.5	87	68	Sh Sd	F	* Oil prod incl prim prod no figs. incl for 54	3917
2,695	12.0			37.5	3.7@ 96°F	1	3		20.0	20	35	Gr	F		4219
2,800	8.0							5 Spot	20.0		80	Gr	F	* Incl with 3963	3989
2,850	20.0	17.0	50			6	5	5 Spot	13.3	80	100	Gr and Sd	F	* Incl Oil and Water production from 4339	4338
2,215	12.0	19.0	140			1	1	Line	70.0	70	70	Purchased	M	* Incl prim prod	4330
2,000	10.0	17.0	57	36.1	5.1@ 94°F	2	7	5 Spot	45.0	90	70	Surface	F	* Incl prim prod	3907
2,400	12.0					1	3	5 Spot	40.0	40	50	Surface	F	* Incl 27,684 bbls attributable to inj on adj leases since 1952	3947
2,600	20.0	18.0	50	38.0		2*	4*	Random	15.0	30	30	Sh Sd, Prod	M	* Incl 3930	3929
2,500	10.0	17.0	100	38.0		*	*	Random	15.0	30	30	Sh Sd, Prod	M	* Incl with 3929	3930
2,340				36.0		1	2		20.0	20		Produced	B	* Incl prim prod	3955
2,720	5.0	15.0				2	2	5 Spot	25.0	50	70	Sh Sd	F	* Oil and Water prod incl in 4338	4339
2,900	9.4			34.5	4.2@ 98°F	4	7	5 Spot	21.0	85	302	Gr	F		4217
2,566	12.0														1016
2,630	10.0	17.7	145			1	2	Irreg	30.0	30	30	Tar Springs	B		4222
2,552	10.0					1	2		20.0	20	40	Gr and Prod	M		4287
2,800	20.0					2	1	5 Spot	15.0	30	40	Gr and Prod	M		4288
2,900	5.0			36.9		1	2	Spot		100		Gr	F		4223
2,870	15.0	20.2	120	36.5		3	2	Random	33.3	100	100	Penn Sd and Prod	B		2014
1,180	20.0			32.0		2	6		60.0	120		Supply Well	B		223
1,700	15.0	20.0	78	28.0	8.3@ 69°F	14	24	Perim	16.4	230	290	Tar Spgs and Prod	B		2600
2,985	6.0	12.5		41.4		5	6	5 Spot	44.0	230	360	Penn Sd	B		3407
3,150	6.0					1	4			100	200	Cypress	B		3422
2,900	8.0					4	7	Perim	25.5	102	180	Cypress and Prod	B		1904
2,541	19.0	12.9	24			1	1	Random	20.0	20	20	Tar Springs	B		1432
3,062	10.0					2	7	Random	80.0	160	160	McClosky Lime	B	* Incl prim prod	3415
2,960	15.0					1	1		20.0	20	30	Produced	B		3424
3,130	8.0	18.0	800			5	5	Line D		200		Cypress, Prod	B		3409
2,700	8.0	15.0	60			2	2	Line	80.0	160	160	Penn Sd and Prod	B		3417

Project no.	General information								Production and injection statistics, M bbls		
	C = Consolidated	Operator	County	Project U = Unit	Date first inj.	"Formation"	Date abd.	Section, T-R	Cumulative water injection	Cumulative secondary oil prod.	Cumulative water production
4245	Phillipstown C	C. E. Brehm	White	Phillipstown U 'A'	6-52	Penn	5-57	30-4S-11E; 19,30-4S-14W	311	68*	
4277	Phillipstown C	Kirby Petroleum	White	W P B S Unit	6-56	Benoist	12-63	26,35-4S-10E	1,791*	160*	949*
4252	Phillipstown C	Mobil Oil Corp	White	North Calvin	5-51	Biehl	1-61	30,31-3S-11E	1,156	426*	499
4254	Phillipstown C	Phillips Pet Co	White	Laura	3-52	Bethel	9-62	19-4S-11E	197	16	51
4232	Phillipstown C	Skiles	White	L. O. Cleveland	11-55	Tar Springs	1-58	36-4S-10E	48		
4256	Phillipstown C	Sun Oil Co	White	Phillipstown U	12-55	Clore	1-61	6-5S-11E	234	110	58
4270	Phillipstown C	Sun Oil Co	White	Phillipstown	1-53	Tar Springs	6-54	6-5S-11E	58		251
4262	Roland C	T. W. George	White	Pankey-Morehead U	10-56	Cypress	12-58	17,20-7S-8E			
309	Sailor Sprgs C	Cities Service	Clay	Wyatt	9-53	Aux Vases	1-62	13-5N-7E	848	40*	446*
334	Sailor Sprgs C	Cities Service	Clay	Wyatt	1-61	Spar Mtn	1-62	13-5N-7E	23	*	*
310	Sailor Sprgs C	Gulf Oil Corp	Clay	R. Keck	9-57	Cypress	3-60	26-4N-7E	65	11	37
314	Sailor Sprgs C	W. C. McBride	Clay	Bothwell	8-56	Cypress	1-60	14-3N-7E	98	5	
316	Sailor Sprgs C	Shulman Bros.	Clay	Neff	1-57	McClosky	12-60	16-3N-7E	99	3	
2228	St. Francisville	Oil Recovery, Inc	Lawrence	St. Francisville	12-50	Benoist	1-54	20-2N-11W	74		
1222	St. James	H. Rosenthal	Fayette	Washburn	3-54	Cypress	1-62	30-6N-3E		198*	
1905	Ste. Marie	J. R. Randolph	Jasper	Ste. Marie	10-48	McClosky	1-61	5,6,7,8-5N-14W	1,900	191	62
2604	Salem C	Texaco	Marion	Rosiclare Sand U	4-50	Spar Mtn	12-62	15-1N-2E	1,913	96	207
1010	Samsville N	Ashland	Edwards	W. Salem	9-54	Bethel	3-59	30-1N-14W	319	7	
3410	Seminary	R. Johnson	Richland	Seminary	2-54	McClosky	1-58	17-2N-10E	889	25	290
701	Siggins	C. R. Cochonour	Cumberland	Vevay Park	12-50	Siggins	1-57	25-10N-14W	255	2	103
005	Sorento	Joe Dull	Bond	Sorento South	10-62	Dutch Creek	10-64	29-6N-4W	88	4	27*
317	Stanford S	Gulf	Clay	S. Stanford U	5-54	Aux Vases	12-60	2,9,16,17-2N-7E	2,805	370	810
4271	Storms C	Mabee Petroleum	White	Storms	7-51	Waltersburg	12-53	22-6S-9E	20		
3411	Stringtown	N. C. Davies	Richland	Stringtown	12-53	McClosky	1-59	31-5N-14W	257	19	289
3412	Stringtown	Helmerich and Payne	Richland	Stringtown W F	10-54	McClosky	1-58	31-5N-14W	171	5	57
3413	Stringtown	Skelly Oil Co	Richland	Peter Von Almen	12-53	McClosky	1-64	31-5N-14W	324	59	242
1303	Thompsonville	Humble Oil	Franklin	N. Thompsonville U	10-55	Aux Vases	1-63	3,9,10-7S-4E	2,211	365	600
231	Westfield	W. M. Ashley	Clark	Sherwood Steam Fld.	2-64	U. Casey		32-11N-14W	1*	1	6
222	Westfield	Forest Oil Corp	Clark	Parker	6-50	Gas Sd	4-61	30-11N-14W	663	34	
502	Westfield	Gen Operations	Coles	Johnson	6-51	Gas Sd		7,18,19-11N-11E; 18-11N-14W	205*	13*	75*
221	Westfield	Ree, Inc	Clark	Hawkins	8-51	Gas Sd	1-54	20,21-11N-14W	265	2	44
1907	Willow Hill E	M. M. Spickler	Jasper	Willow Hill	6-52	McClosky	1-56	36-7N-10E		2	
002	Woburn C	Arrow	Bond	Spindler	9-51	Benoist	1-58	10-6N-2W	194*	11*	194*
706	York	C. Keyser	Cumberland	Cumberland U	6-61	Penn	1-64	1-9N-10E	37		3
703	York	Trans-Southern	Cumberland	York	10-50	Casey	1-59	6-9N-11E	604	20	290

Reservoir statistics (average values)						Development as of 12-31-65						Injection water			
Depth feet	Net pay thickness feet	Porosity percent	Permeability millidarcys	Oil gravity API	Oil viscosity centipoises	No. of wells Inj.	No. of wells Prod.	Injection pattern Mod = Modified Irr = Irregular	Acres per input well	Productive acres Under inj.	Productive acres Total	Source Sd = Sand Gr = Gravel Prod = Produced Sh = Shallow	Type F = Fresh B = Brine M = Mixed	Remarks	Project no.
1,912	23.0	13.0	36	38.0	4.5@ 84°F	1	5	Irreg	20.0	20	20	Penn Sd	B	* Incl prim prod	4245
2,840	11.0	15.5	150	38.0		9	12	Line	30.0	270	270	Penn Sd and Prod	B	* Data incl proj. 4266	4277
1,830				32.8	11.0@ 80°F	5	9	5 Spot	12.0	60	140	Sh Sd and Prod	M	* Incl prim prod	4252
2,800	10.0	15.0	46	37.0		2	5		10.0	20	40	Prod	B		4254
2,300	12.0					1	2	Irreg	30.0	30	30	Penn Sd	B		4232
2,000	10.0					1	5		50.0	50	135	Prod	B		4256
2,248	10.0			34.5		1	9	Random	10.0	10		Prod	B		4270
2,620	20.0	14.0	16			2	2	5 Spot	20.0	40	40	Tar Springs	B		4262
2771	9.2	17.0	50	35.0		2	2	Irreg	5.0	10	40	Penn Sd and Prod	B	* Proj 334 Prod incl	309
2,845	10.0					1	1	Irreg	10.0	10	20	Produced	B	* Incl in data for 309	334
2,602	10.0					1	1		10.0	10	20	Produced	B		310
2,650	10.0	19.0	20	36.0		1	1		20.0	20	20	Produced	B		314
3,000	5.0			36.0		2	1		40.0	80	80	Tar Springs	B		316
1,865	12.0	17.5	43	38.0	4.5@ 85°F	2	1	Pilot	15.0	30	320	Sh Sd and Prod	M		2228
1,595	20.0			34.0		3	9		31.6	95	95	Prod	B	* Estimated	1222
2,860	7.0					1	14	Spot		400	500	Cypress Sd	B		1905
2,093	14.0	11.5	43	36.5		3	5	Flank	33.3	100	100	Prod	B		2604
2,930	5.0					1	1		20.0	20	35	Prod	B		1010
3,000	8.0			36.0		2	4		86.5	173	173	Cypress Sd	B		3410
600	16.0	20.3	349	30.1		2	4	5 Spot	5.0	10		Surface and Prod	M		701
1,850	4.5	12.2	50	38.0		1	3	Line		100	100	Penn Sd and Prod	B	* As of 12-63	005
2,975	11.8	19.8	97	38.8		9	8	5 Spot	14.0	125	170	Penn Sd and Prod	B		317
2,241	15.0					1	2	Random	40.0	40	40	Penn Sd and Prod	B		4271
3,000	10.0	18.0				2	3		40.0	80	80	Tar Springs	B		3411
3,026	7.0			38.0		2	2		46.0	92	50	Cypress Sd, Prod	B		3412
3,002	12.0			36.0		1	2		80.0	80	80	Purchased	B		3413
3,075	25.0	22.0	170	37.5	5.8@ 60°F	5	5	5 Spot	16.0	80	164	Produced	B		1303
324	20.0	20.0	250	25.0	50.0@ 60°F	2	1		5.0	10				* One ton of steam	231
270	25.0	17.9	153	28.1	54.0@ 60°F	9	12	5 Spot	2.5	20		Gravel	F		222
320	35.0	21.5	86	29.0		30	14	5 Spot	1.7	50	640	Lake and Prod	M	* Sec 18-11N-14W is in Clark Co., no data 1-63 8-64	502
290	30.0	22.0	120	30.0	28.0@ 62°F	15	8	5 Spot	2.6	40	360	Devonian and Prod	B		221
2,615	10.0					1	1	Random	20.0	20	20		B		1907
1,006	14.0					1	4	Random	20.0	20	20	Prod	B	* No data after 1955	002
556	11.0	17.8	80	33.8	11.5@ 66°F	1	2		40.0	40	40	Sand	B		706
590	10.0	21.9	231		10.0@ 75°F	3	7	Line	5.0	15	125	Produced	B		703

TABLE 15 – SUMMARY OF

Year	No. of active projects	Water injection (M bbls)		Reported waterflood oil production (M bbls)		Estimated dump flood production (M bbls)		Total oil prod. (M bbls)
		Annual	Cumulative†	Annual	Cumulative†	Annual	Cumulative†	
1949	33	20,612	50,983	2,511	10,313	1,500	5,000	64,501
1950	63	44,053	99,040	3,107	13,826	1,500	6,500	62,028
1951	84	57,147	148,279	6,672	21,890	1,500	8,000	60,244
1952	131	72,951	221,078	8,752	29,000	2,000	12,000	60,071
1953	167	118,409	335,727	10,086	39,800	2,250	14,600	59,025
1954	232	176,012	512,202	15,985	55,687	2,129	17,900	67,000
1955	284	224,579	745,573	24,585	81,131	1,978	19,800	81,131
1956	333	271,270	1,014,900	29,600	111,700	1,700	21,500	82,314
1957	382	295,750	1,310,000	35,442	147,142	1,750	23,250	76,649
1958	443	317,153	1,606,500	40,833	187,338	2,040	25,290	80,779
1959	499	345,098	1,954,200	41,360	238,512	2,436	27,720	76,727
1960	559	376,563	2,324,200	44,789	283,862	1,750	29,470	77,341
1961	658	390,093	2,753,361	50,412	334,716	1,270	30,740	77,478
1962	717	467,318	3,144,893	49,078	379,977	1,245	31,985	78,796
1963	779	438,191	3,631,514	50,092	471,345	902	32,887	74,796
1964	848	467,691	4,099,133	47,977	520,886	660	33,547	70,168
1965	938	479,347	4,526,211	43,729	531,102	500	34,047	63,708

* Waterflood oil includes estimated dump flood production. All other figures exclude dump flood production.
† Current oil plus previous cumulative does not equal current cumulative because of yearly revisions.
** Includes abandoned acreage with waterfloods and pressure maintenance.

Year	Waterflood prod. % of total prod.*	No. of wells in flood projects		Productive acreage		% of total acreage under flood	Cumulative waterflood oil recovery/ acre subjected to injection	Cumulative injected water/ cumulative produced oil
		Inj.	Prod.	Subjected to inj.	Total			
1949	6.2	946	1,055	8,450	375,985	2.2	1,230	4.9
1950	7.4	1,097	1,197	14,123	397,685	3.6	979	7.2
1951	13.4	1,620	5,230	17,646	412,050	4.3	1,241	6.8
1952	17.9	2,160	5,114	31,330	425,025	7.4	926	7.6
1953	20.9	2,849	5,298	37,854	434,100	8.7	1,051	8.4
1954	27.0	3,597	6,686	59,027	500,130	11.8	943	9.2
1955	32.7	4,407	7,163	72,832	521,200	14.0	1,114	9.2
1956	38.0	5,307	7,687	92,350	539,315	17.1	1,210	9.1
1957	48.5	5,734	7,814	112,000	550,305	20.4	1,316	8.9
1958	53.1	6,647	8,567	122,500	562,535	21.8	1,529	8.6
1959	57.1	7,327	9,306	136,976	574,625	23.8	1,741	8.7
1960	60.2	8,062	9,855	152,823	585,045	26.1	1,857	8.2
1961	66.7	8,560	10,521	171,825	602,665	28.5	1,948	8.2
1962	63.9	8,875	10,660	186,785	612,995	30.5	2,034	8.2
1963	66.9	9,048	11,690	194,900	621,735	31.4	2,616	7.7
1964	69.3	9,731	11,497**	240,163**	629,055	45.4	1,825**	8.7
1965	69.4	10,091	13,651**	340,097	635,455	53.6	1,665**	8.5

TABLE 16 — ILLINOIS WATERFLOODS FOR 1965 BY COUNTIES

County	Number of projects	Wells		Acres†		Water injection M bbls		Waterflood oil M bbls		Water production M bbls	
		Water input	Producers	Subject to injection	Total productive	Total 1965	Cumulative 12-31-65*	Total 1965	Cumulative 12-31-65*	Total 1965	Cumulative 12-31-65**
Bond	1	10	11	110	110		745		54		
Christian	4	26	70	1,188	2,098	1,217	18,095	391.9	3,359	871	6,723
Clark	12	336	547	2,308	2,232	6,850	117,118	136.7	4,959	2,625	40,068
Clay	44	262	317	9,840	11,888	12,547	73,170	1,035.3	9,057	7,791	42,535
Clinton	14	124	150	2,460	2,490	6,755	61,500	374.7	10,635	12,910	42,931
Coles	19	128	195	3,891	3,740	4,028	28,399	712.0	3,098	1,987	10,189
Crawford	83	1,738	1,902	16,113	19,717	54,044	535,107	3,150.6	35,328	35,138	225,242
Cumberland	4	572	572	2,578	2,619	4,111	96,161	318.1	14,194	724	19,525
Douglas	2	14	20	500	500		739		201		203
Edwards	28	92	152	4,535	5,379	5,642	48,156	442.0	8,064	3,382	27,558
Effingham	9	35	62	1,806	2,264	1,965	14,800	482.6	1,737	878	4,487
Fayette	49	968	1,368	82,485	82,485	59,174	546,834	9,154.5	114,458	39,486	226,754
Franklin	24	185	256	6,386	6,970	12,175	193,292	1,010.3	19,590	8,582	133,090
Gallatin	28	166	201	3,288	5,499	5,235	54,912	497.8	7,817	59,008	83,017
Hamilton	58	514	715	14,046	15,075	32,644	134,078	1,926.6	12,479	13,794	56,175
Jasper	14	43	79	3,857	4,040	900	8,812	90.1	1,228	363	1,869
Jefferson	18	88	162	7,282	7,929	8,028	85,944	372.4	5,356	4,433	63,830
Lawrence	94	1,612	1,573	19,011	19,011	52,571	389,744	5,580.5	52,553	35,049	206,040
Macoupin	1	2	7	40	80		18		1		2
Madison	6	30	42	1,302	1,302	703	2,225	105.9	455	382	869
Marion	25	688	523	29,847	30,657	86,346	939,994	6,728.5	87,017	65,940	476,991
Perry	2	5	9	240	320	306	1,223	19.2	66	266	642
Richland	19	134	187	8,325	8,647	9,287	98,481	801.4	9,158	6,492	76,230
Saline	17	65	123	2,174	3,040	7,132	18,927	384.4	1,567	714	3,075
Shelby	2	5	22	240	240	300	1,163	20.9	71	95	95
Wabash	105	501	677	11,620	13,112	15,111	137,946	2,294.2	20,782	7,501	41,037
Washington	9	60	79	1,404	1,634	2,163	21,809	158.2	4,585	2,378	21,568
Wayne	80	693	969	37,811	37,811	38,137	234,489	3,001.5	24,293	19,869	106,326
White	163	1,004	1,182	29,808	37,192	52,291	397,017	4,060.6	47,340	26,140	164,803

† Acreage data are incomplete in most counties.

* Projects not reporting in 1965 are included as of last reporting date.

** Not all projects report produced water.

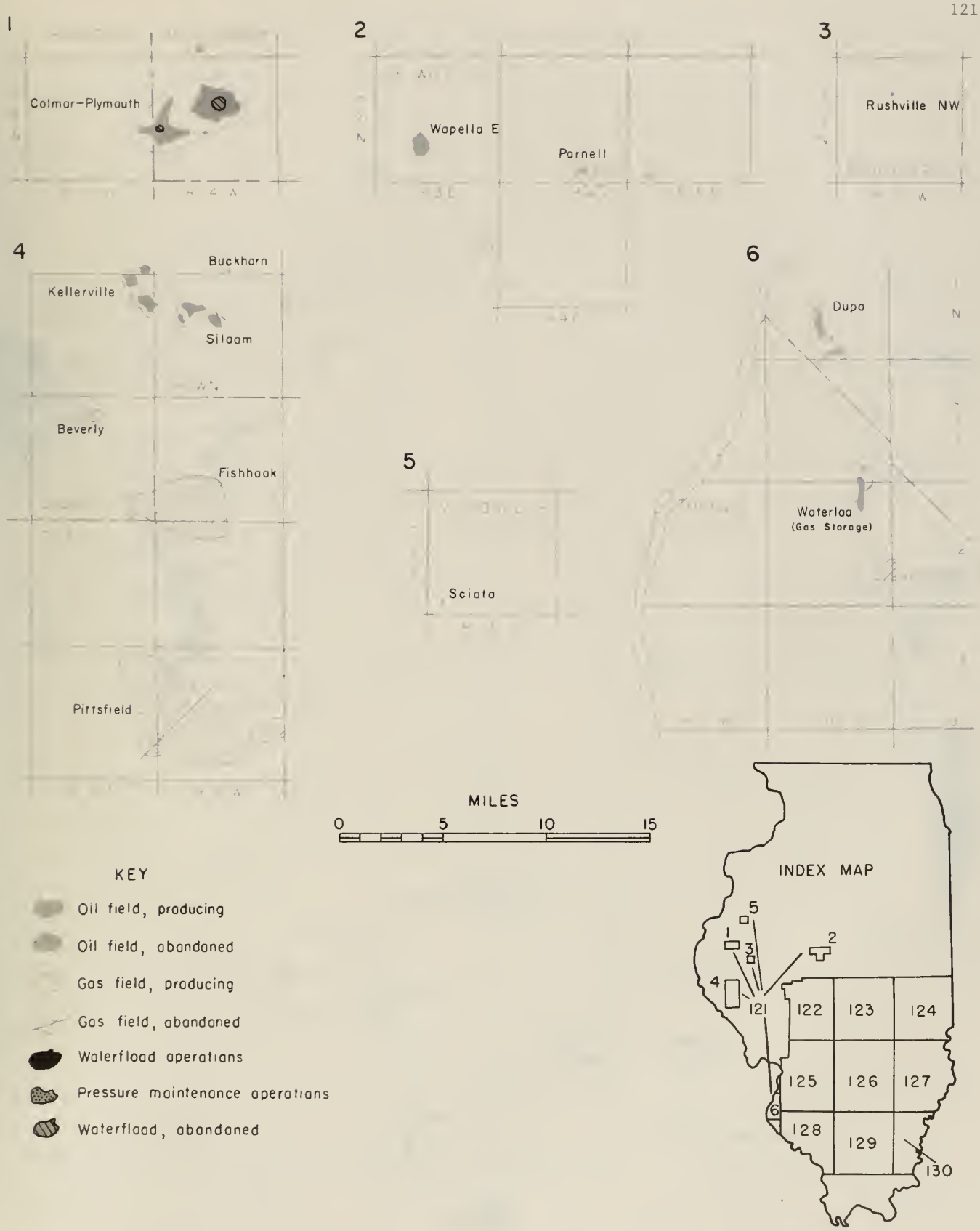
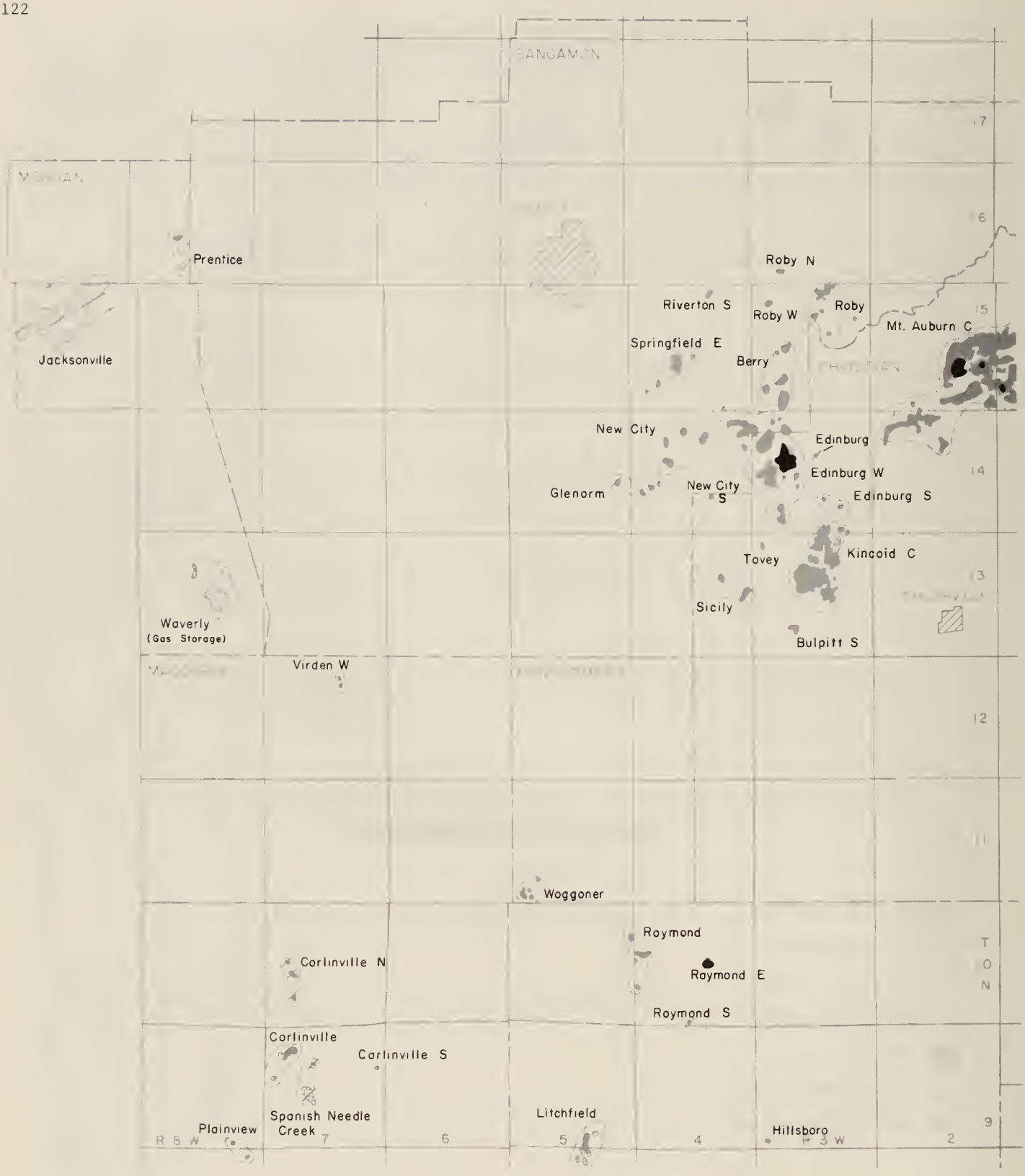
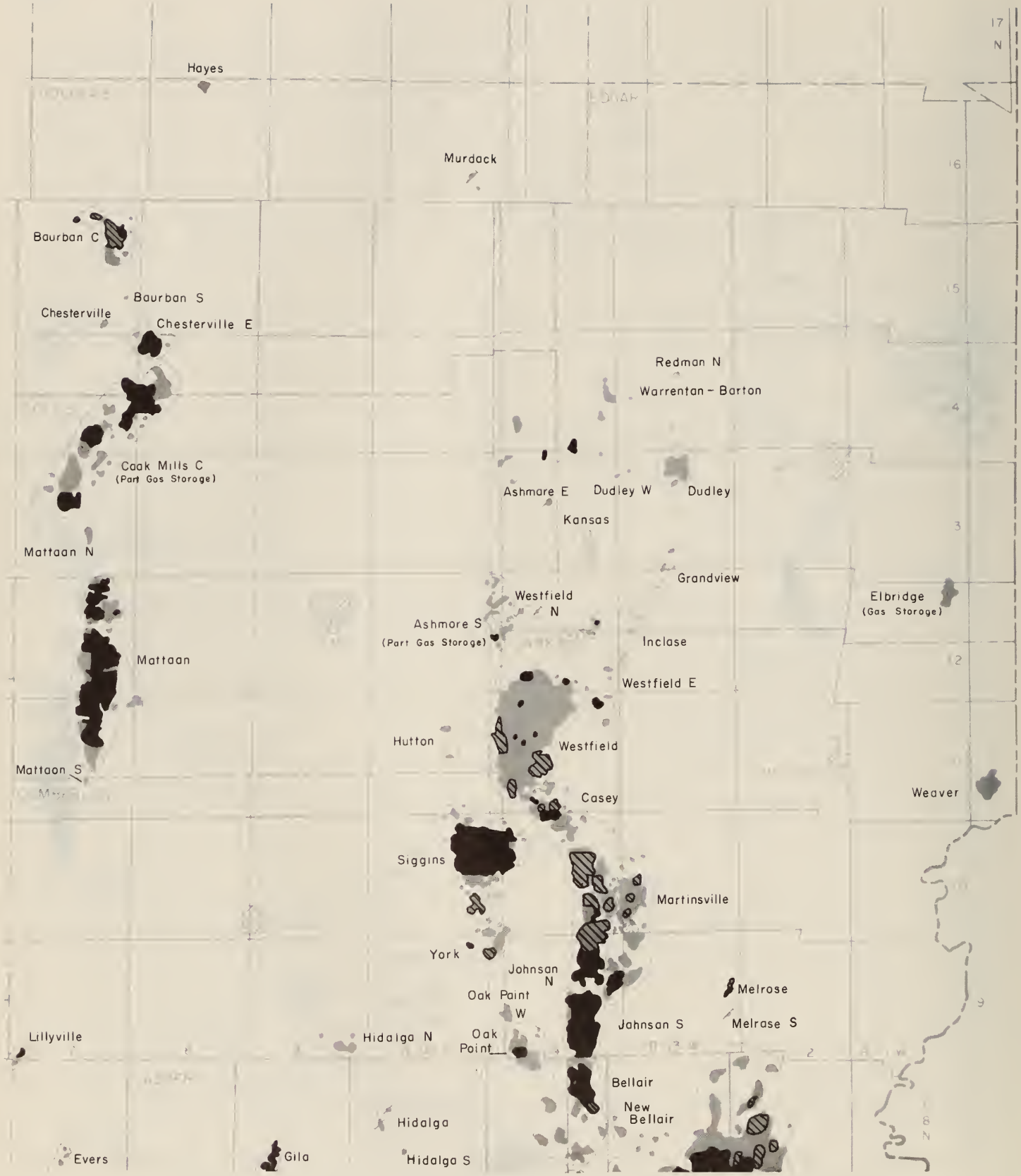


Figure 4 - Oil and gas fields in Illinois. Waterflood and pressure maintenance operations, December 31, 1965. Index map shows distribution of map over pages 121 through 130.


SANGAMON
Prentice
Jacksonville
Roby N
Riverton S
Roby W
Roby
Mt. Auburn C
Springfield E
Berry
New City
Edinburg
Edinburg W
Glenorm
New City S
Edinburg S
Tovey
Kincoid C
Sicily
Bulpitt S
Waverly
(Gas Storage)
Virden W
Woggoner
Roymond
Corlinville N
Raymond E
Roymond S
Corlinville
Corlinville S
Spanish Needle Creek
Plainview
Litchfield
Hillsboro
R 8 W
R 3 W
T 10 N
7
6
5
4
3
2
1
12
11
9


18 N
17
16
15
14
13
12
11
T 10 N
9
Farsyth
Decatur N
Decatur
Oakley
Harristawn
Blackland N
Blackland
Mt. Auburn C
MOULTRIE
Baurban C
Baurban S
Chesterville
Chesterville E
COLES
Cooks Mills C
(Part Gas Storage)
SULLIVAN
Assumption Cen
Assumption C
Assumption S
Dallville
Pana
Gays
Mattoon
Mattoon N
Mattoon S
SHELBYVILLE
Shelbyville C
CUMBERLAND
Lakewood
Clarksburg
Made
Fancher
Stewardsan
Stewordsan E
Shumway
Lillyville
FAYETTE
EFFINGHAM
Louden
R 1 W
R. 1 E.
2
3
4
5
6
7


Hayes
Murdock
Baurban C
Baurban S
Chesterville
Chesterville E
Caak Mills C
(Part Gas Storage)
Mattaan N
Mattaan
Mattaan S
Redman N
Warrentan - Barton
Ashmore E
Dudley W
Dudley
Kansas
Grandview
Westfield N
Ashmore S
(Part Gas Storage)
Inclase
Westfield E
Hutton
Westfield
Casey
Siggins
Martinsville
York
Johnsan N
Oak Paint W
Oak Point
Hidalga N
Johnsan S
Melrose
Melrase S
Lillyville
Bellair
New Bellair
Hidalga
Hidalga S
Evers
Gila
Elbridge
(Gas Storage)
Weaver
17 N
16
15
4
3
12
9
8 N


R 8 W
7
6
5
4
R 3 W
2
9
T 8 N
Gillespie-Wyen
Harnsby S
Gillespie W
Plainview S
Mt. Olive
Gillespie-Benld
(Gas Storage)
Staunton W
Staunton
Panama
Livingstan
Livingstan E
Livingston S
New Douglas S
Sorenta W
Sorento C
Ayers
Woburn C
Old Ripley N
Old Ripley
Greenville
Stubblefield S
Dudleyville E
Marine W
Marine
Highland
Beaver Creek N
Beaver Creek NE (Gas Storage)
Beover Creek
Beaver Creek S
Collinsville
St. Jacob E
St. Jacob
(Gas Storage)
Keyesport
Carlyle N
Boulder
Frogtown N
Frogtown
Carlyle
Carlyle E
Bechemeyer
Huey
Germontown E
Bartelso
Huey S
Hoffman
New Boden E
Posey W
Posey
Bartelso W
Carlyle S
Posey E
Bartelso S
New Memphis N
Bortelso E
Sonto Fe
New Memphis
New Memphis E
Okawville N
New Memphis S
Okawville
Hoyleton W
Freeburg
(Gas Storage)
St. Libory
Beoucoup
New Athens


EFFINGHAM
MARION
JEFFERSON
WAYNE
R 1 W
R 1 E
2
3
4
5
6
7
T 8 N
T 1 S
Lillyville
Evers
Evers S
Louden
Watson W
Watson
Elliattstown N
Elliottstown E
Elliattstown
Mason N
Hill E
Hill
Bible Grove N
Eberle
Hord N
Hord
St. James
Wilbertan
Laclede
Iola W
Iola C
Taliver E
Bible Grove S
Hord S
St. Paul
Iola Cen
Kinmundy N
Iola S
Taliver S
Riffle
Louisville N
Miletus
Pataka W
Kinmundy
Sailar Springs C
Pataka
Patoka E
Alma
Oskalaasa
Oskaloosa S
Oskaloosa E
Louisville S
Pataka S
Omega
Fairman
Kenner W
Kenner N
Kenner
Boulder E
Boulder
Tonti
West Seminary
Kenner S
Flora S
Shattuc N
Odin
Iuka W
Iuka
Xenia
Xenia E
Clay City WC
Sandaval W
Sandaval
Shattuc
Zenith N
Rinard N
Junctian City C
Salem C
Zenith
Raccaan
Johnsanville N
Haffman
Centralia
Central City
Lake
Exchange W
Exchange N
Zenith E
Rinard
Zenith S
Rinard S
Langewisch-Kuester
Johnsonville W
Centralia W
Brown
Slapout
Hickory Hill
Johnsonville C
Clay City C
Wamac W
Exchange E
Orchardville N
Wamac E
(Part Gas Storage)
Wamac
Exchange
Orchardville
Irvington N
Kell W
Kell
Cail N
Cravat
Divide C
Johnsonville C
Cravat W
Cail W
Coil
Irvington
Reservoir
Irvington E
Dix S
Boyd
Irvington W
Oakdale N
Keenville
Richview
Divide S
Keenville E
Johnsonville S
Roaches N
Mt. Vernon N
Oakdale
Cavington S


7
8
9
R 10 E
14
R 3 W
2
R 1 W
T 8 N
7
6
5
4
3
2
1
S
ASPER
WABASH
Lillyville
Hidalgo N
Oak Point
Bellair
New Bellair
Hidalgo
Hidalgo S
Evers
Gila
Evers S
Hunt City
Hunt City E
Elliottstown N
Elliottstown E
Lis
Newton N
Main C
Bible Grove N
Newton W
Willow Hill E
New Hebron E
Richwood
Newton
Bogoto N
Bogota
Soilor Springs C
Ste Marie W
Ste. Marie E
Bogota S
Wakefield N
Ste Marie
Wakefield
Wakefield S
Bible Grove S
Passport
Ingraham
Passport N
Stringtown Bowyer
Stringtown E
Russellville W
Pinkstaff E
Clay City C
Amity
Sumner
Pinkstaff
Passport S
Sailor Springs N
Passport W
Sailor Springs E
Olney
Amity S
Amity W
Lawrence
Russellville
Pixley
Sailor Spr. Cen.
Noble W
Olney S
Ritter N
Claremont
Sumner S
Beman
Beman E
Ritter
Parkersburg
Lawrence W
Calhoun N
Calhoun Cen
Calhoun E
Schnell E
Schnell
Ruark W C
Ruark
Seminary
Parkersburg W
Lancaster
St Froncisville E
Calhoun C
Berryville C
Calhoun S
Lancaster E
Mt. Erie N
St Francisville
Lancaster Cen
Friendsville N
Maple Grove
Mills Prairie N
Maple Grove S
Parkersburg S
Lancaster S
Friendsville Cen
Mills Prairie
Locust Grove
Samsville NW
Gards Pt C
Samsville W
Samsville N
Bennington S
Samsville
New Harmony C
Allendale
Locust Grove S
Massilon
Bone Gap E
Massilon S
Lexington N
Mt Cormel
Bone Gap C
Bone Gap W
Albion C
Browns
Lexington
Half Moon
Bellmont
Keensburg E
Albion Cen
Ellery N
Goldengate NC
Browns S
Rochester


St. Libory
WASHINGTON
Freeburg
(Gas Storage)
New Athens
WATERLOO
NASHVILLE
Beaucoup
Beaucoup S
Elkton
Posen N
Dubois C
Posen
Posen S
Marissa W
Tilden N
(Gas Storage)
Caulterville N
McKinley
Cordes
9
8
6
5
4
3
2
RANDOLPH
PERRY
Baldwin
Tilden
Craig
Turkey Bend
Tamaroa W
Sparta
Eden
Sparta S
PINCKNEYVILLE
JACKSON
Ava—Campbell Hill
MURPHYSBORO
T. 10 S.


Cravat
Cravat W
Salem C
Kell
Divide C
Coil W
Coil N
Johnsonville C
Irvington
Irvington W
Irvington E
Reservoir
Dix S
Boyd
Coil
Keenville
Keenville E
Johnsonville S
Covington S
Clay City C
Richview
Roaches N
Roaches
Divide S
Oakdale N
Oakdale
Mt. Vernan N
Markham City N
Mayberry N
Pyramid
Ashley
Woodlawn
Bluford
Aden E
Markham City W
Markham City
Williams C
Mt. Vernon
Mayberry
Aden C
Lynchburg
Opdyke
Dubois C
Marcae
King
Dahlgren
Aden S
Mill Shoals
Dubois Cen
Waltonville
Nason
Belle Rive
Belle Prairie
Dahlgren W
Belle Prairie W
Elk Prairie
Blairsville W
Tamaroa
Ina
Ina N
Tamaroa S
Fitzgerrell
Bungay C
Whittington W
Ewing
Ewing E
Sesser
Taylor Hill
Thackeray
Macedonia
Dale C
Rural Hill N
Hoodville E
Whittington
Whittington S
Valier
Benton N
Bessie
Akin W
Buckner
Akin
Broughton
Benton
Walpole
Christopher S
Orient
Deering City
Walpole S
Zeigler
Thompsonville N
Broughton S
Roland W
Elkville
Thompsonville E
Long Branch
Francis Mills
West Frankfort C
Thompsonville
Raleigh
Francis Mills S
Omoha W
Lang Branch S
Eldorado C
Corinth N
Harco
Clifford
Johnston City E
Eldorado W
Herrin
Corinth
Corinth E
Eldorado E
Pittsburgh N
Raleigh S
Groyson
Harco E
Harrisburg
Cottage Grove
Marion
Horrisburg S
Morion E
Pankeyville E
Pankeyville
Mitchellsville


Albion Cen
Keensburg E
Covington S
Goldengote NC
Ellery N
Browns S
Browns E
Rochester
Barnhill
Ellery S
Albion E
Ellery E
Moyberry N
Aden E
Albion C
Aden C
Goldengote E
Albion W
Keensburg S
Centerville NE
Mill Shools
Centerville N
Aden S
Goldengote C
Centerville E
New Hormony C
Crossville
Belle Proirie
Burnt Proirie S
Centerville
Block River
Bloirsville W
Trumbull N
Sumpter N
Sumpter
Crossville W
Bungoy C
Sumpter W
Sumpter E
Sumpter S
Phillips-town C
Thackeroy
Trumbull C
Carmi N
Phillipstown S
Carmi
New Hormony S (Ind.)
Dole C
Enfield
New Hormony S
Hoodville E
Mounie NC
Mounie E
Storms C
Concord C
Rolond C
Enfield S
Broughton
Maunie S
Wolpole
Concord E C
Long Bronch
New Hoven C
Broughton S
Rolond W
Froncis Mills
Froncis Mills S
Omoha
Herold C
Raleigh
Omoha W
Inmon E C
Eldorado C
Omoho E
Omoho S
Inmon WC
Eldorodo W
Elba
Ridgway
Eldorodo E
Grayson
Junction N
Ab Lake
Horrisburg
Ab Lake
Cottage Grove
GALLATIN
Ab Lake S
Ab Loke W
Febrer Loke
Junction
Junction E
Shawneetown N
Horrisburg S
Shownectown E
Pankeyville E
Shawneetown
Ponkeyville
Mitchellsville
T
10
S